

ENCLOSURE 3
ORANGE CO.



Commonwealth of Virginia
Department of Fire Programs

ATTACHMENT A
Burn Building Grant Application
Construction, Renovation, or Repair

A. Applicant Information	
1. Title of Jurisdiction Making Application (Check <input checked="" type="checkbox"/> only one, then make entry)	<input checked="" type="checkbox"/> County of <u>Orange</u> <input type="checkbox"/> City of _____ <input type="checkbox"/> Incorporated Town of _____
2. Employer Identification Number (EIN)	<div style="border: 1px solid black; padding: 2px;"> 5 4 --- 6 0 0 1 4 8 6 </div>
3. Principal Point of Contact	(Include salutation, name & title.) Stephanie Straub, Procurement & Grant Coordinator
4. Mailing Address (Include zip code+4) Identify COUNTY if appropriate →	P.O. Box 111 Orange, VA 22960 (Orange County)
5. Telephone Number	(540 661-5407
6. FAX Number	(540 672-0900
7. Internet e-mail address	ssraub@orangecountyva.gov
8. Application Scope (Check <input checked="" type="checkbox"/> only one)	<input checked="" type="checkbox"/> Sole Jurisdiction as identified in [A] <input type="checkbox"/> Multiple Jurisdictions - Complete [F]

B. Facility Information (Burn Building)	<p>The term "burn building" refers to an unoccupied structure.</p> <p>The purpose of the Burn Building is to provide live fire training to fire service personnel in support of Fire Fighter I and Fire Fighter II Training throughout the Commonwealth of Virginia.</p>
1. Current / Proposed Owner of Facility	(Party holding /to hold title to the property) Orange County, VA
2. In-Service Date or Age of Structure	(Leave blank if NOT an existing structure as reported in [C1] below.) Date <u>07/01/93</u> <input type="checkbox"/> Unknown If unknown, enter approximate age in years _____
3. Address of Structure (If appropriate, identify COUNTY where located.)	11350 Porter Road Orange, VA 22960 (Orange County)
4. Will the renovation or repair bring the the burn building into compliance with the current standard of NFPA 1403, including appropriate NFPA 1403 signage? If no, explain in 6. Comments.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
5. Will the construction of the burn building be in compliance with the current edition of Sections I through IV of the Summary of Burn Building Prop Grant Program as included in the VDFP Project Manual for Burn Building Props and the current standard of NFPA 1403? If no, explain in 6. Comments.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
6. Comments (pertaining to Facility)	<input type="checkbox"/> None

Department of Fire Programs

C. Facility Usage																																							
1. Number of annual burns (must be documented) (for New construction, this figure is projected)	VDFP FFI burns <input type="text" value="20"/> (In compliance with NFPA 1403 standards) VDFP FFII burns <input type="text" value="19"/> (In compliance with NFPA 1403 standards) Other Burns <input type="text" value="0"/> (specify types of burns)																																						
2. Travel to another facility	Distance traveled to closest alternate facility <input type="text" value="30"/> (in miles) Time traveled to closest alternate facility <input type="text" value="1"/> (rounded to whole hours)																																						
3. Other localities served (list number of stations and number of firefighters served for each locality) (for New construction, this figure is projected) (if more than 5 localities are served, additional localities must be included on Additional Localities Served tab)	<table border="0"> <tr> <td>Name of Locality</td> <td><input type="text" value="Stafford County"/></td> </tr> <tr> <td>Number of stations</td> <td><input type="text" value="15"/></td> </tr> <tr> <td>Number of Firefighters</td> <td><input type="text" value="450"/></td> </tr> <tr> <td>Name of Locality</td> <td><input type="text" value="Culpeper County"/></td> </tr> <tr> <td>Number of stations</td> <td><input type="text" value="7"/></td> </tr> <tr> <td>Number of Firefighters</td> <td><input type="text" value="250"/></td> </tr> <tr> <td>Name of Locality</td> <td><input type="text"/></td> </tr> <tr> <td>Number of stations</td> <td><input type="text"/></td> </tr> <tr> <td>Number of Firefighters</td> <td><input type="text"/></td> </tr> <tr> <td>Name of Locality</td> <td><input type="text"/></td> </tr> <tr> <td>Number of stations</td> <td><input type="text"/></td> </tr> <tr> <td>Number of Firefighters</td> <td><input type="text"/></td> </tr> <tr> <td>Name of Locality</td> <td><input type="text"/></td> </tr> <tr> <td>Number of stations</td> <td><input type="text"/></td> </tr> <tr> <td>Number of Firefighters</td> <td><input type="text"/></td> </tr> <tr> <td colspan="2">TOTAL NUMBER OF STATIONS SERVED (from above and add')</td> </tr> <tr> <td colspan="2"><input type="text" value="22"/></td> </tr> <tr> <td colspan="2">TOTAL NUMBER OF FIREFIGHTERS SERVED (from above and add')</td> </tr> <tr> <td colspan="2"><input type="text" value="700"/></td> </tr> </table>	Name of Locality	<input type="text" value="Stafford County"/>	Number of stations	<input type="text" value="15"/>	Number of Firefighters	<input type="text" value="450"/>	Name of Locality	<input type="text" value="Culpeper County"/>	Number of stations	<input type="text" value="7"/>	Number of Firefighters	<input type="text" value="250"/>	Name of Locality	<input type="text"/>	Number of stations	<input type="text"/>	Number of Firefighters	<input type="text"/>	Name of Locality	<input type="text"/>	Number of stations	<input type="text"/>	Number of Firefighters	<input type="text"/>	Name of Locality	<input type="text"/>	Number of stations	<input type="text"/>	Number of Firefighters	<input type="text"/>	TOTAL NUMBER OF STATIONS SERVED (from above and add')		<input type="text" value="22"/>		TOTAL NUMBER OF FIREFIGHTERS SERVED (from above and add')		<input type="text" value="700"/>	
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Number of stations	<input type="text" value="7"/>																																						
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4. Maintenance of facility (for New construction, skip Section C.4. Section E.2. MUST be completed)	Annual Maintenance Inspections <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (documentation of annual inspections MUST be provided with application for inspections conducted after 12/2007) Previous Repair Projects <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (documentation MUST be provided with application for most recent repairs)																																						

D. Project Description	
1. Level of work proposed (Check <input checked="" type="checkbox"/> only one)	<input checked="" type="checkbox"/> NEW Construction where no such structure previously existed <input type="checkbox"/> RENOVATION of an existing burn building or substantially similar structure <input type="checkbox"/> REPAIR of an existing burn building (up to \$10,000)
2. Type of Building (proposed or existing)	<div> <input checked="" type="checkbox"/> Class A fuel <input checked="" type="checkbox"/> Prototype I plans (brick, block, concrete) </div> <div> <input type="checkbox"/> Class B fuel <input type="checkbox"/> Prototype II plans (steel frame) </div> <div> <input type="checkbox"/> Other* </div> <div> <input type="text" value="2,304"/> Square Footage of Building (proposed or existing) </div> <div> <input type="text" value="1"/> Number of Burn Rooms on 1st floor </div> <div> <input type="text" value="1"/> Number of Burn Rooms on 2nd floor </div> <p>For New Construction: *If building plans deviate from Prototype I or II, applicant MUST define building concept and include proposed plans with application.</p> <p>For Renovations or Repairs: *If building plans deviate from Prototype I or II, applicant MUST include copy of existing building plans with proposed renovations/repairs.</p>
3. Architectural and/or Engineering (A/E) (Check <input checked="" type="checkbox"/> only one for each)	Has an A/E study already been completed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable If so, is a copy attached to this application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable
4. Condemnation and/or fitness for use (Leave [C4] blank if this application is for totally new construction; otherwise Check <input checked="" type="checkbox"/> only one for each statement.)	Is this structure still in use for certification of FFI and FFII at the time of application? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, is there currently a scheduled date to remove the structure from service? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, enter the month & year: <u>Out of service April of 2013</u> If not presently in service, has this structure been <u>condemned</u> by a building official or other such entity legally empowered to do so? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable If yes, is a copy of such order attached to this application? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable

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E. Financial Plan	An estimated project budget must be attached to this application. For renovation/repair projects, contractor estimates must be attached.	
1. Project Budget (Capital Expend)		
a. Expense		
i. Estimated Cost of Construction (Enter or check <input checked="" type="checkbox"/>)	\$58,634	<input type="checkbox"/> Unknown at time of application
ii. Estimated A/E Costs (Enter or check <input checked="" type="checkbox"/>)	\$15,500	<input type="checkbox"/> Unknown at time of application
iii. Estimated Total Costs (Enter or check <input checked="" type="checkbox"/>)	\$ 74,134.00	<input type="checkbox"/> Unknown at time of application
b. Revenue		
i. Grant Funding Being Requested New construction maximum \$430,000	\$ -	
ii. Matching / Cost Share Funds	\$ -	
iii. Source of Matching Funds (local contributions, donations, etc.)		
2. Operating Budget (Maint. Expend)		
a. Is there a financial agreement among partnering localities?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
b. Is there a local budget for annual maintenance costs?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
c. Is there a local budget for annual inspection costs?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
d. Is there a local budget for 5-year inspection costs?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

F. Additional Parties of Interest (Mark N/A and skip section [D] if not applicable - see [A.8])	Identify hereunder ALL jurisdictions (Not their Departments) otherwise participating in the proposed project. Attach additional sheets as may be required.
1. NON-Applicability	<input checked="" type="checkbox"/> No parties other than the jurisdiction identified in [A] above.
2. Formal Agreement Among Parties	Is there a formal agreement among parties with regard to the proposed project ? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, is a copy attached to this application? <input type="checkbox"/> Yes <input type="checkbox"/> No Is there a formal agreement among parties with regard to the shared use of the facility ? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, is a copy attached to this application? <input type="checkbox"/> Yes <input type="checkbox"/> No

(Reproduce and complete as many additional blocs as may be necessary for complete disclosure.)

2a. Complete one each for ALL other Parties of Interest	Number <input type="text"/> of a total of <input type="text"/> parties to proposed project (Count the LEAD Locality as #1, thereby start with #2.)
2b. Title of Jurisdiction (Check <input checked="" type="checkbox"/> only one, then make entry)	<input type="checkbox"/> County of <input type="text"/> <input type="checkbox"/> City of <input type="text"/> <input type="checkbox"/> Incorporated Town of <input type="text"/>
2c. Employer Identification Number (EIN)	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
2d. Principal Point of Contact	(Include salutation, name & title.) <input type="text"/>
2e. Mailing Address Identify COUNTY if appropriate →	(Include zip code+4) <input type="text"/>
2f. Telephone Number	() <input type="text"/>
2g. FAX Number	() <input type="text"/>
2h. Internet e-mail address	<input type="text"/>

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**G. Electronic Transfer
of Funds Information**

Note - The completion of this section is optional at the time of application and will not hinder determination of eligibility, etc. However, if not provided and since funds will only be transferred electronically, disbursement will be delayed until this information is properly provided.

1. Account Ownership Information
Employer Identification Number

5	4			6	0	0	1	4	8	6
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SSN may **NOT** be substituted.

Complete next three (3) entries **ONLY** if Name is different than ACCOUNT TITLE as it appears in [E2].

(Last, First, Initials)

NAME County of Orange, Virginia

(Telephone Number)

MAIN (540) 661-5407

(Telephone Number)

ALTERNATE _____

2. Direct Deposit Account Information
(Check ☒ one Type of Account)



Checking



Savings

(9 digits)

ROUTING TRANSIT NUMBER 540530108

ACCOUNT NUMBER zero zero zero zero 12111429

ACCOUNT TITLE County of Orange, Virginia

FINANCIAL INSTITUTION Bank of America



Note - This section of the application MUST be properly executed for the application to be complete. Certification may be completed by:

- City Manager /or/ Deputy
- County Administrator /or/ Deputy
- Town Manager /or/ Mayor
- Or other duly authorized official but only when the application is accompanied by a copy of an 'Ordinance' or other formal instrument clearly granting that party such authority.

Only completed applications can be acted upon.

CERTIFICATION

This application is made on behalf of the jurisdiction above described [A] with the full knowledge and belief that all representations herein made are true and correct.

Glenda Bradley
Signature

12-27-13
Date

Glenda Bradley
Printed Name

Acting County Administrator
Title

(All applications must be notarized to be considered - Incomplete forms shall be returned.)

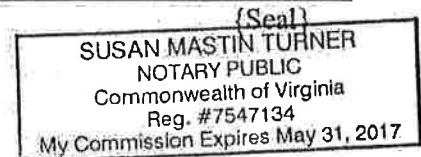
State of Virginia }

City / County of Orange }

On this 27th day of December (month) in 2013 (year), before me, the undersigned a Notary Public for the Commonwealth of Virginia, personally appeared Glenda Bradley to me known (or to me proved) to be the identical person named herein and having in my presence executed the above, and acknowledged that he executed same as his voluntary act and deed.

My Commission expires: 5/31/2017
Date

Susan Mastin Turner
Notary Public



Department of Fire Programs

- Listed below are all the departments that have used the building since completion of the upgrades in 2009 and the dates of usage. All are live burns unless otherwise noted:

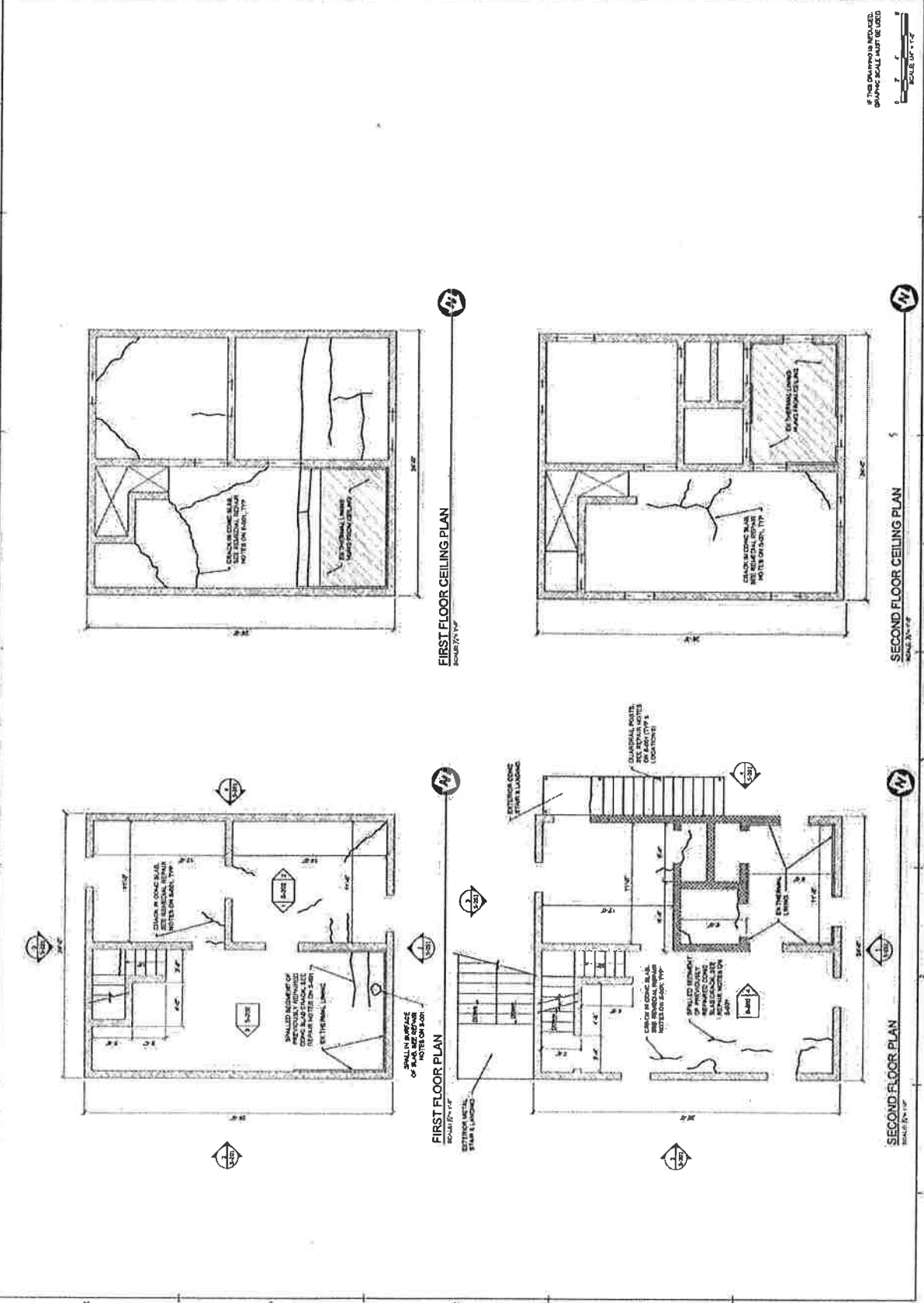
Orange Co. Fire and EMS	Feb. 8, 2009	
Orange Co. Fire and EMS	June 13, 2009	
Orange Co. Fire and EMS Dept	Sept. 10, 2009	Rope Training
Culpeper Co. Fire and Rescue	Sept. 19, 2009	
Stafford Co. Fire and Rescue	Sept. 21, 2009	
Orange Co. Fire and EMS Dept	Oct. 13, 2009	SCBA Training
Stafford Co. Fire and Rescue	Nov. 14, 2009	
Catlett Volunteer Fire Dept.	Feb. 28, 2010	
Orange Co. Fire and EMS	March 7, 2010	Practical Skills
Orange Co. Fire and EMS	March 14, 2010	
Culpeper Co. Fire and Rescue	April 11, 2010	
Louisa Co. Fire and Rescue	April 24, 2010	
Culpeper Co. Fire and Rescue	April 25, 2010	
Greene Co. Fire and Rescue	May 22, 2010	Rope Training
Stafford Co. Fire and Rescue	May 23, 2010	
Orange Co. Sheriffs Dept.	June 7, 2010	Rope Training
Stafford Co. Fire and Rescue	Oct. 15, 2010	
Rappahannock Co. Fire and Rescue	Nov. 6, 2010	
Rappahannock Co. Fire and Rescue	Nov. 27, 2010	
Stafford Co. Fire and Rescue	Jan. 8, 2011	
Spotsylvania Co. Fire and Rescue	Jan. 15, 2011	
Gordonsville Vol. Fire Dept.	Jan. 18, 2011	Practical Skills
Orange Co. Fire and Rescue	Feb. 6, 2011	
Culpeper Co. Fire and Rescue	Feb. 20, 2011	
Orange Co. Fire and Rescue	Feb. 23, 2011	Practical Testing
Culpeper Co. Fire and Rescue	March 13, 2011	
Spotsylvania Co. Fire and Rescue	April 14, 2011	
Rescue Concepts Unlimited	April 17, 2011	
Orange Co. Fire and Rescue	May 21, 2011	
Spotsylvania Co. Fire and Rescue	May 24, 2011	
Stafford Co. Fire and Rescue	May 28, 2011	
Orange Co. High School class	June 4, 2011	
Stafford Co. Fire and Rescue	Sept. 26, 2011	
Culpeper Co. Fire and Rescue	Jan. 22, 2012	Practical Skills
Stafford Co. Fire and Rescue	Jan. 28, 2012	
Culpeper Co. Fire and Rescue	Feb. 4, 2012	
Culpeper Co. Fire and Rescue	March 4, 2012	

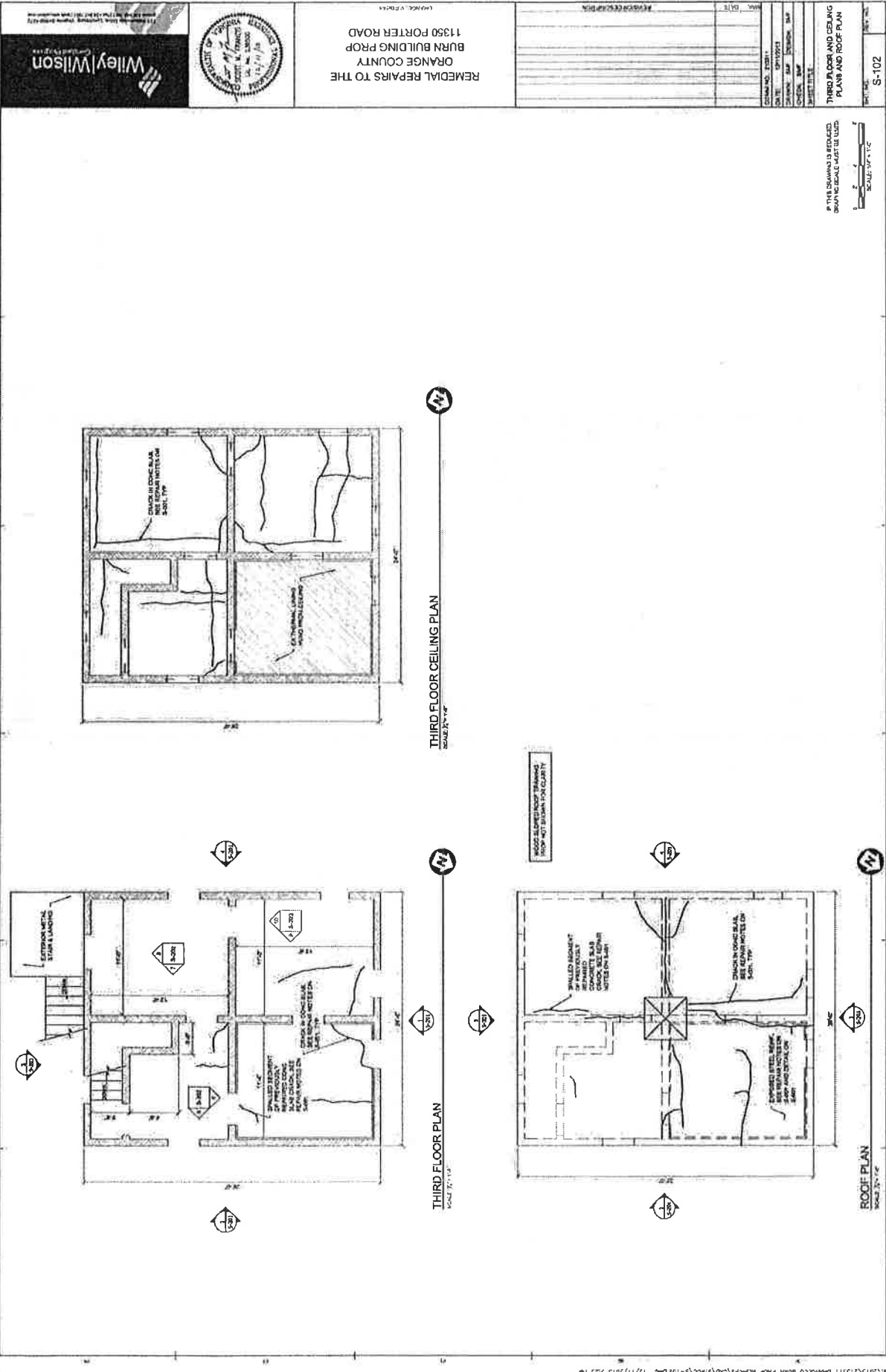
Orange Co. Fire and Rescue	March 11, 2012	
Orange Co. Fire and Rescue	March 21, 2012	Practical Testing
Orange Co. Fire and Rescue	March 24, 2012	Practical Skills
Orange Co. Fire and Rescue	March 30, 2012	Practical Skills
Orange Co. Fire and Rescue	March 31, 2012	Practical Skills
Orange Co. Fire and Rescue	April 13, 2012	Practical Skills
Orange Co. Fire and Rescue	April 14, 2012	Practical Skills
Orange Co. Fire and Rescue	April 28, 2012	Practical Skills
Orange Co. Fire and Rescue	May 13, 2012	
Stafford Co. Fire and Rescue	Aug. 18, 2012	
Gordonsville Vol. Fire Dept.	Sept. 4, 2012	
Rappahannock Co. Fire and Rescue	Dec. 22, 2012	
Culpeper Co. Fire and Rescue	Jan. 6, 2013	
Culpeper Co. Fire and Rescue	Jan. 10, 2013	Practical Testing
Rappahannock Co. Fire and Rescue	Feb. 2, 2013	
Stafford Co. Fire and Rescue	March 12, 2013	
Spotsylvania Co. Fire and Rescue	March 22, 2013	Practical Testing
Culpeper Co. Fire and Rescue	April 14, 2013	
Orange Co. Fire and Rescue	May 22, 2013	

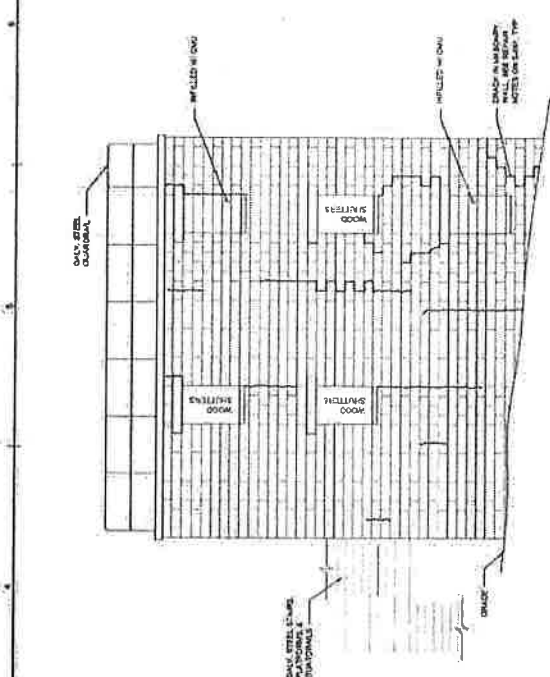
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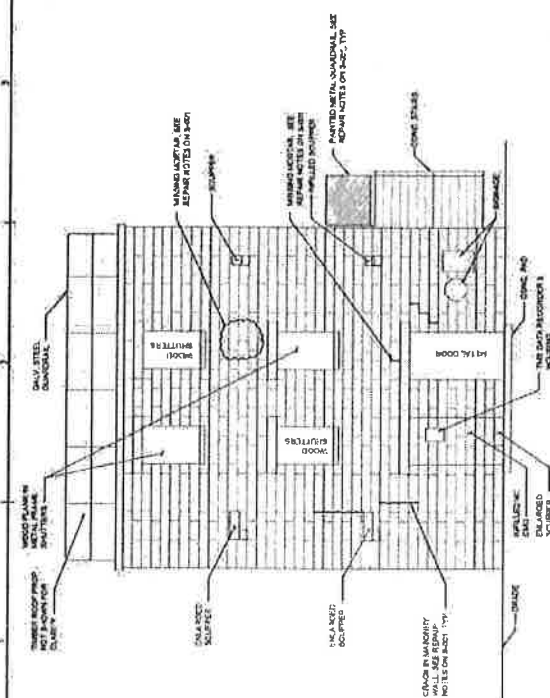




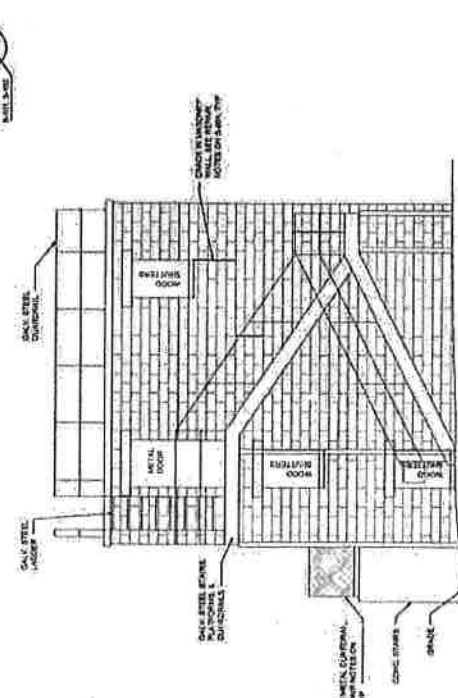
EAST ELEVATION



WEST ELEVATION.



NORTH ELEVATION
SCALE 1/8" = 1'-0"



SOUTH ELEVATION
North Arrow



September 27, 2013

Kurt L. Hildebrand
Director of Public Works
County of Orange
P.O. Box 111
127 Belleview Ave.
Orange, VA 22960

RE: Remedial Repairs for Orange County Burn Building Prop
Wiley|Wilson Proposal No. P2013407

Dear Mr. Hildebrand:

Based on your recent conversations with Tim Wagner of our office, we understand that the County of Orange has received a structural evaluation for the county's Burn Building prop located at 11350 Porter Road. We understand that the structural evaluation indicated that structural distress was noted in the prop which requires remedial repairs.

We understand that the County of Orange Burn Building Prop is a three (3) story approximately 2,000 square foot structure constructed of elevated cast in place concrete slabs supported by interior and exterior CMU walls. The burn building prop is equipped with thermal linings in each of the three (3) burn rooms, and has a temperature monitoring system (TMS) consisting of thermocouples located in each of the burn rooms that are wired to a central data recorder. There are no mechanical or electrical systems within the burn building prop outside of the aforementioned TMS.

Scope of Services

Wiley|Wilson will conduct a site visit to visually observe the extent of the distress denoted in the structural evaluation. Following the site visit, we will analyze the existing structure and develop remedial repairs to address the distress noted in the report and observed during our site visit. Following our analysis, we will prepare construction drawings detailing the remedial repairs for the burn building prop and temperature monitoring system.

At your request, Wiley|Wilson can also provide bid support services during the bid phase of the project. Bid services include preparation of an advertisement to bid, instruction to bidders, development of a bid form, owner-contractor agreement, labor and material payment bond, attendance at one (1) pre-bid meeting, opening of the bids with the Owner, and providing the notice of award and notice to proceed to the selected general contractor.



Further, Wiley|Wilson can also provide construction administration during the construction phase of the project. Construction administration services include review of shop drawing and product submittals, reviewing and responding to contractor requests for information, and attendance at monthly progress meetings.

Basis of Proposal

We have based our proposal on the Five (5) Year Structural Evaluation report prepared by The Structures Group, Inc. dated March 25, 2013 which you provided to us via email. The evaluation report included distress location plans as well as a summary of deficiencies. We note that the report indicated the existence of significant distress to the burn building prop high temperature linings in the first and second floor burn rooms. Additional distress noted in the report included: cracked CMU and mortar joints in the load bearing walls of the structure; the presence of efflorescence on some CMU walls; shutters constructed of combustible materials; inadequate scuppers; corrosion of guardrails and metal stairs; cracks, spalls, and exposed reinforcement in the elevated concrete slabs at the second floor, third floor, and roof levels; cracked and broken firebrick within the burn rooms; and, cracks and spalls in the first floor slab on grade.

In addition to this distress, the Five (5) Year Structural Evaluation report also noted the absence of: thermal linings on remainder of walls outside of the burn pad within burn rooms; thermal linings extending around burn room openings; and, a continuous perimeter apron.

Deliverables

We will conclude our services with the issuance of construction drawings denoting the remedial repairs to the structure. We anticipate that the construction drawings will include general notes, foundation/first floor framing plan, second floor framing plan, third floor framing plan, roof framing plan, temperature monitoring system plan, interior and exterior wall elevations, sections, and details delineating the location and extent of the remedial repairs.

If directed by you, Wiley|Wilson will also provide bid support services and construction administration services

Schedule

We anticipate that work on this project will begin upon receipt of the executed proposal letter and that the initial site visit will be scheduled within two weeks of our receipt of the notice to proceed. Following our site visit, we anticipate that the preparation of construction documents will be performed within six weeks.

Fee

Kurt L. Hildebrand
County of Orange
September 27, 2013
Page 3 of 3



For your convenience, we have separated our lump sum fees below into the phases of the project including construction documentation, bidding services, and construction administration. Normal expenses include travel to the project site, postage and courier cost, and document reproduction cost.

Construction Documents.....\$15,500
Bidding Services.....\$ 5,000
Construction Administration.....\$ 8,150

Invoicing will occur monthly based on our estimated percent complete. Payments are due and payable thirty (30) days from the date of the invoice. Amounts unpaid sixty (60) days after the invoice date shall bear interest at the rate of 1.0 percent per month. This proposal is valid for 30 days from the date of this letter.

Changes in Scope

It is common for the scope of services to change over the course of a project of this type. Changes in Wiley|Wilson's scope of services as defined in this letter must be authorized in writing by the County of Orange.

We have emailed a signed copy of our proposal letter to serve as our agreement. If you accept the terms of this proposal, please sign on the line provided and return one copy to us.

Sincerely,

Wiley|Wilson

Timothy R. Wagner, P.E.
Project Manager

Signature: _____

Title: _____

Date: _____

Wiley|Wilson does not discriminate on the basis of race, color, religion, sex, pregnancy, national origin, ancestry, age, disability, veteran, or any other status or condition protected by applicable federal, state or local law, with respect to recruitment, hiring, training, compensation, promotion, and other terms and conditions of employment.

PROPOSAL

FIRE FACILITIES INC.

314 WILBURN ROAD
SUN PRAIRIE, WI 53590-9401



FIRE FACILITIES
STEEL FIRE TRAINING TOWERS



"ASK BEFORE YOU BUY" - THE ONLY MAJOR STEEL FIRE TRAINING TOWER MANUFACTURED IN THE UNITED STATES



To: Orange County, VA Attn: Chief Bert Roby Proposal # 4604	From: David Tusio Regional Manager	Date: September 26, 2013 Phone: 1-800-929-3726 or (608) 327-4100 Fax: 1-866-639-7012 or (608) 834-1843 E-mail: dtusio@firefacilities.com
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Remarks:

This proposal is regarding the price requested for Orange, VA.
The total estimated weight for these materials is 1,435.49 lbs.
The total price for this fire tower or parts, F.O.B. destination is \$8,198.00 as described below: * See tax note below
Freight: \$410.00

Freight + Material Price: \$8,608.00

Price Includes The Following:

Replacement Westec insulating system parts (3" Battens and S.S. Panels Only) for the following (3) existing Burn Rooms

- Burn Room #1 (8' x 11' x 8'-7" high)
Walls: Replace Approximately 10 Total S.S. Wall Panels (North and East Walls)
Ceiling: Replace Approximately 6 Westec S.S. Ceiling Panels
Trims: Replace NE Wall Corner Trim, and Ceiling Trims along Replaced Walls only
Thermocouples: Replace (1) in the Ceiling
- Burn Room #2 (9' x 11' x 8'-3" high)
Walls: Replace Approximately 8 Total S.S. Wall Panels (North and West Walls)
Ceiling: Replace Approximately 6 Westec S.S. Ceiling Panels
Trims: Replace NW Wall Corner Trim, and All Ceiling Trims
Thermocouples: Replace (1) in the Ceiling
- Burn Room #3 (13' x 11' x 8'-3" high)
Walls: N/A
Ceiling: Replace Approximately 3 Westec S.S. Ceiling Panels
Trims: Replace Ceiling Trims on North, East and West Sides of Room
Thermocouples: Replace (1) in the Ceiling

Options:

- (1) Scout Temp. Meter: \$1,950.00 More
- (1) Replacement Shutter (rough opening 48.75" x 32") \$676.00 More
- (1) Westemp panel for Replacement Shutter: \$220.00 More

0 * C

8,608.00 *

1,950.00 *

676.00 *

220.00 *

004

11,454.00 *

contract. 30% down payment, balance due in full 30 days from ship date. Prices quoted in U.S. Dollars.

materials, fabrication, and freight only - foundation and erection labor prices only if shown.

ed to be added based on location. Prices effective 60 days from date of this proposal.

3004.c01.0312

1 of 1

*same as
proposal*
*from Berwick
Construct.*

Berriochoa Construction, L.L.C

(608) 445-5952

October 16, 2013
Proposal

Orange County VA
Fire facilities
314 Wilbourn Rd
Sun Prairie, WI

Replacement Westec insulating system parts (3" Battons and S.S. Panels Only) for the following
(3) existing Burn Rooms

1. Burn Room #1 (8' x 11' x 8'-7" high)
 - Walls: Replace Approximately 10 Total S.S. Wall Panels (North and East Walls)
 - Ceiling: Replace Approximately 6 Westec S.S. Ceiling Panels
 - Trims: Replace NE Wall Corner Trim, and Ceiling Trims along Replaced Walls only
 - Thermocouples: Replace (1) in the Ceiling
2. Burn Room #2 (9' x 11' x 8'-3" high)
 - Walls: Replace Approximately 8 Total S.S. Wall Panels (North and West Walls)
 - Ceiling: Replace Approximately 6 Westec S.S. Ceiling Panels
 - Trims: Replace NW Wall Corner Trim, and All Ceiling Trims
 - Thermocouples: Replace (1) in the Ceiling
3. Burn Room #3 (13' x 11' x 8'-3" high)
 - Walls: N/A
 - Ceiling: Replace Approximately 3 Westec S.S. Ceiling Panels
 - Trims: Replace Ceiling Trims on North, East and West Sides of Room
 - Thermocouples: Replace (1) in the Ceiling
 - (1) Scout Temp. Meter

Total proposal price \$ 18,200.00 paid in full upon invoice

Option1

Place 12 new complete shutters into the existing block rough openings. 475.00 per shutter
total 5,700.00 more

Sincerely,
Brodie Berriochoa, Owner
Berriochoa Construction LLC
308 Turner Street
Columbus, WI 53925
(608) 445-5952

*This proposal
is a duplicate of
Fire Facilities*

Thompson, Joe (VDFP)

From: Stephanie Straub [sstraub@orangecountyva.gov]
Sent: Tuesday, January 07, 2014 3:15 PM
To: Thompson, Joe (VDFP)
Cc: Glenda Bradley; John Harkness
Subject: RE: Orange County Burn Building

Fire Facilities manufactures the product but they do not install.
They quoted us the panels while Berriochoa is quoted for the labor to install the panels.
Does that make sense?

Best,
Stephanie

From: Thompson, Joe (VDFP) [mailto:Joe.Thompson@vdfp.virginia.gov]
Sent: Tuesday, January 07, 2014 3:07 PM
To: Stephanie Straub
Cc: Glenda Bradley; John Harkness
Subject: RE: Orange County Burn Building

Thank you and Happy New Year to you also.

I am still a bit confused. When I look at the documents provided for Fire Facilities & Berriochoa Construction they appear to be doing the same work. Am I reading the quotes incorrectly? If so could you please explain how they differ.

Joseph Thompson
Grant & Local Aid Manager
Virginia Department of Fire Programs
1005 Technology Park Drive
Glen Allen, VA 23059
Office: (804) 249-1958
Cell: (804) 836-3452
Fax: (804) 371-3358

From: Stephanie Straub [mailto:sstraub@orangecountyva.gov]
Sent: Tuesday, January 07, 2014 3:00 PM
To: Thompson, Joe (VDFP)
Cc: Glenda Bradley; John Harkness
Subject: RE: Orange County Burn Building

Good Afternoon Joe,

Happy New Year and thank you for your e-mail.
I apologize for any confusion.

Below please find a list of vendors and their services/products as summarized in our application:

Vendor	Product/Service	Cost
Wiley Wilson	Engineering Drawings	\$15,500
Fire Facilities	Liner+All Options	\$11,454
Berriochoa Construction LLC	Installation of Westec Liners	\$23,900
Posey Concrete Repair	Concrete Repair + Minimum Handrail Option	\$23,280
		\$74,134 (Total including

We also included the vendors information used during the last repair project (solicitation, invoices, Purchase Orders, etc.) in the application as a reference of previous work.
Please let me know if you have any other questions.
We look forward to working with you.

Best,
Stephanie Straub

From: Thompson, Joe (VDFP) [<mailto:Joe.Thompson@vdfp.virginia.gov>]
Sent: Tuesday, January 07, 2014 2:43 PM
To: Stephanie Straub
Cc: Glenda Bradley
Subject: Orange County Burn Building

Hi Stephanie,

Virginia Department of Fire Programs is in receipt of the Burn Building Application but there is some confusion over the amount. The application has estimated cost of \$58,634 but after adding up all the figures it has been determined the amount includes quotes from two separate companies for the same work. Please let me know which quote should be removed and also if you choose Fire Facilities how many shutters will the building be needing.

As the Burn Building meeting is scheduled for this Thursday, January 9th please respond as soon as possible.

Joseph Thompson
Grant & Local Aid Manager
Virginia Department of Fire Programs
1005 Technology Park Drive
Glen Allen, VA 23059
Office: (804) 249-1958
Cell: (804) 836-3452
Fax: (804) 371-3358

TO: STEPHANIE STRAUB

APPENDIX D: PRICING SHEET
A: Project Specific PricingCONCRETE REPAIR SERVICES ORANGE CO.
Dec 26, 2013 Burn Bldg.

Description	Unit	Unit Price	Lump Sum
Concrete Crack Repair to Top Surface of Elevated Slabs	LF 254	\$ 20.00 LF	\$ 5080.00
Concrete Crack Repair to Bottom Surface of Elevated Slabs	LF 305	\$ 25.00 LF	\$ 7700.00
Concrete Crack Repair to Top Surface of Slab on Grade SPALLED AREAS	SF 25	\$ 50.00 SF	\$ 1250.00
Repair of Cracked CMU 70 Broken Block	Block 70	\$ 15.00 A Block	\$ 1050.00
Repair of Cracked or Missing Mortar Joints	LF 200	\$ 10.00 A Foot	\$ 2000.00
Handrail Repair	LF	\$	\$
Total Base Bid	\$		\$ 17080.00

B: Additional Expenses and Costs:

OPTIONAL
All New Hand Rail \$23,000.00 (galvanized)

* OPTIONAL
Minimum Hand Rail Repair \$6,200.00

OPTIONAL
Maximum Hand Rail Repair \$17,900

703-850-6787 Poseys Masonry Repair
3386 Tinsley Mill Road
Burr Hill, VA 22433

C: Total Cost A & B:

\$

James D Posey Jr

THIS IS A ROUGH ESTIMATE, WITHOUT
PHYSICALLY SEEING EXACTLY HOW MANY
STANDARDS ARE BAD ON EXISTING HAND RAIL.



County of Orange
P.O. Box 111, 112 West Main Street, Suite 206, Orange, Virginia 22960

**October 10, 2008
County of Orange, Virginia
Invitation for Bid
IFB 2009-01**

Sealed Bids will be received in hand in the Office of the Orange County Procurement Finance Director located at Post Office Box 111, 112 West Main Street, Suite 206, Orange, Virginia 22960, until 2'o'clock PM, local time, Tuesday, October 28, 2008 for:

Masonry repairs and installation of stairs and railing to Orange County Fire Training Burn Building.

Orange County is requesting bids from qualified firms with expertise in the masonry construction to repair the burn building used for training exercises in accordance with the specifications. A copy of the IFB will be available on the County Website: <http://orangecountyva.gov> or contact the Finance Department located at 112 West Main Street, Orange, Virginia 22960, Telephone Number (540) 672-3313. A copy of the plans, including one addendum dated 10-7-08, is available at the Orange County Department of Public Works located at 127 Bellevue Avenue, Orange, Virginia 22960.

Inquiries for procurement related to this solicitation should be directed to: Karen Karasinski, Finance Director, (540) 661-5406, Fax 540 672-0900, kkarasinski@orangecountyva.gov.

Technical Inquiries should be directed to: Kurt Hildebrand, (540) 672-5352, E-mail: khildebrand@orangecountyva.gov.

IF BIDS ARE MAILED, SEND DIRECTLY TO ADDRESS SHOWN ABOVE. IF BIDS ARE HAND DELIVERED, DELIVER TO: ORANGE COUNTY, GORDON BUILDING, 112 W MAIN STREET 2ND FLOOR, FINANCE DEPARTMENT. BIDS MAY NOT BE DELIVERED BY FACSIMILE.

IF YOU NEED ANY REASONABLE ACCOMODATION FOR ANY TYPE OF DISABILITY IN ORDER TO PARTICIPATE IN THIS PROCUREMENT, PLEASE CONTACT THIS OFFICE AS SOON AS POSSIBLE.

ORANGE COUNTY GOVERNMENT DOES NOT DISCRIMINATE AGAINST FAITH-BASED ORGANIZATIONS IN ACCORDANCE WITH THE *Code of Virginia*, 2.2-4343.1 OR AGAINST A BIDDER BECAUSE OF RACE, RELIGION, COLOR, SEX, NATIONAL ORIGIN, AGE, DISABILITY, OR ANY OTHER BASIS PROHIBITED BY STATE LAW RELATING TO DISCRIMINATION IN EMPLOYMENT.

Orange County reserves the right to reject any and all bids and to waive any informalities or irregularities in procedure.

IFB 2009-01

MASONRY REPAIRS AND INSTALLATION OF STAIRS AND RAILING TO ORANGE COUNTY FIRE TRAINING BURN BUILDING

SECTION/TITLE	PAGE
IFB COVER SHEET	1
SCHEDULE	2
STANDARD INSTRUCTIONS & GENERAL TERMS & CONDITIONS	3-8
PURPOSE	7
BID SPECIFICATIONS	7
BID FORMS & CONTRACTOR DATA SHEET	9-11
ADDENDUM #1	12

IFB # 2009-01
ORANGE COUNTY, VIRGINIA
STANDARD INSTRUCTIONS TO BIDDERS
Bidders Shall Carefully Examine Specifications and Instructions
FAILURE TO COMPLY WITH THESE INSTRUCTIONS MAY RESULT IN
DISQUALIFICATION OF BID

1. BID FORM

- a. Bid shall be submitted on the designated form, with blank spaces properly filled.
- b. Bid shall be signed in longhand on the bid form below the typed name of the person authorized to bind the bidder to a contract. Bid must be signed in order to be considered responsive.
- c. If the bidder is a corporation, partnership or limited liability company, bid must be signed with the legal name of the corporation, partnership or limited liability Company, and the name, title, and signature of a person authorized to bind the corporation, partnership or limited liability company to a contract.

2. QUESTIONS

- a. Any questions about specifications shall be submitted to Karen Karasinski, Finance Director, not less than 5 business days prior to the bid opening by e-mail, telephone or in writing.
- b. Necessary replies will be sent to all bidders of record as an addendum which becomes part of the bid package.
- c. Oral instructions do not form a part of the bidding instrument.

3. SUBMITTAL OF BIDS

- a. Sealed bids must be received no later than, 2:00 p.m. local time, Tuesday, October 28, 2008, at the Orange County Finance Department, Gordon Building; 112 West Main Street, 2nd Floor, Finance Department, Orange, VA 22960. Bids may be delivered by mail or hand delivered. Bids received after the specified time will not be accepted. Bids with original signatures are to be sent to acceptance place identified above.
- b. Bids shall include all costs as described and indicated by the specifications. Unit price will prevail.
- c. It is the sole responsibility of the bidder to have his bid submitted at the place and by the time shown on the bid form. Bids received after this time shall not be considered.
- d. Telephone, fax or e-mail bids are not acceptable.

4. CONDITIONS OF BID

a. Each bidder is responsible for informing himself fully of the conditions relating to the project. Failure to do so shall not relieve a successful bidder of his obligation to perform as per the provisions of this IFB.

b. After bid opening, all bids submitted and not withdrawn pursuant to paragraph 4(c) shall be good and may not be withdrawn for a period of 60 calendar days unless otherwise specified by the "Special Terms and Conditions" found in the Invitation to Bid.

c. The procedure for bid withdrawal due to mistakes or errors shall be as follows: The bidder shall submit to the Finance Director his original work papers, documents, and materials used in the preparation of the bid within two (2) days after the date fixed for opening of bids. The work papers shall be delivered by the bidder in person or by registered mail. Such mistakes shall be proven only from the original work papers, documents, and materials delivered as required herein.

d. Bidders shall include manufacturer's name, make, model number, and any warranties where applicable.

e. The County may require more complete detailed specifications on items quoted or samples prior to bid award, at no expense to the County. If not destroyed or used during testing, samples will be returned at the bidder's request and expense.

5. REJECTION OF BIDS

The County may reject a bid if:

a. The bidder misstates or conceals any material fact in the bid, or if,

b. The bid does not strictly conform to the law or the requirements of the bid, or if,

c. The bid documents are in any respect incomplete or unsigned, or if,

d. The bid is conditional, except that the bidder may qualify his/her bid for acceptance by the County on an "All or None" basis or a "low item" basis. An "All or None" basis bid must include all items upon which bids are invited.

6. AWARD OF CONTRACT

a. The award is subject to the approval of the Orange County Board of Supervisors. The contract will be awarded to the lowest responsible and responsive bidder whose bid, conforming to this IFB, is most advantageous to the County, considering price and any other evaluation criteria set forth in the bid documents.

b. In the case of a tie bid, preference shall be given to goods, services and construction produced in the County of Orange or provided by County of Orange persons, firms or corporations, if such choice is available; otherwise, the tie shall be decided by lot. If all bids received are for the same total amount or unit price, quality and service being equal, the contract shall be awarded to a local bidder. Prior to such considerations, however, delivery time and prompt payment discounts, including time allowed for payment, will be considered in breaking tie bids. In the case of a tie bid in instances where goods are being offered, and existing price preferences have already been taken into account, preference shall be given to the bidder whose goods contain the greatest amount of recycled content. See Section 2.2-4324 of the Code of Virginia.

c. Prices must be quoted destination with all transportation charges prepaid, unless otherwise specified elsewhere in the "Invitation to Bid: Special Terms and Conditions."

d. Where the bid involves the furnishing of separate items or groups of items, the County reserves the right to make partial awards to different bidders for certain items or groups of items of the bid unless bidder qualifies his bid otherwise.

e. In the case of an award of a bid or cancellation of a contract in which the low bidder is declared non-responsive or non-responsible, the bid may be awarded to the next low bidder, at the original bid price of that bidder, during the initial term of the contract.

7. CANCELLATION OF BIDS

a. The County reserves the right to cancel the "Invitation for Bid," and to reject any or all bids in whole or in part whenever the Board of Supervisors or designee determines that such action is in the best interest of the County. The reasons for cancellation or rejection shall be made part of the contract file. The County may also waive any minor informalities or irregularities in any bid where such action serves the County's best interest.

b. The County shall have the right of cancellation, with or without reason, by serving notice on the contractor, by registered mail, return receipt requested, of such intent to cancel the entire contract at least 30 days prior to any such proposed cancellation date.

8. NON-APPROPRIATION

Agreements are made subject to the appropriation of funds by the Board of Supervisors of Orange County, Virginia, and are null and void in the event of non-appropriation by the Board of Supervisors. Non-appropriation shall be deemed a cancellation and shall terminate this agreement without recourse and with no liability on the part of the County.

9. LAWS AND REGULATIONS

All applicable state laws, county ordinances and rules and regulations of the authority having jurisdiction over the project/contract shall apply to the contract throughout, and they will be deemed to be included in the contract the same as though written out in full herein.

10. DRUG FREE WORKPLACE

By submitting their sealed bid proposal, bidders certify to the County of Orange that they will conform to the provisions of Section 2.2-4312 of the Virginia Public Procurement Act. Contractors agree to (i) provide a drug-free workplace for the contractor's employees; (ii) post in conspicuous places, available to employees and applicants for employment, a statement notifying employees that the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana is prohibited in the contractor's workplace and specifying the actions that will be taken against employees for violations of such prohibition; (iii) state in all solicitations or advertisements for employees placed by or on behalf of the contractor that the contractor maintains a drug-free workplace; and (iv) include the provisions of the foregoing clauses in every subcontract or purchase order of over \$10,000, so that the provisions will be binding upon each subcontractor or vendor.

11. BID DOCUMENTS

These terms and conditions shall also become part of the contract documents and shall be binding upon the bidder to whom award is made.

12. BID ADDENDUMS

All addendums issued by the County must be signed by a person authorized to bind the contractor and returned prior to the date established for receipt of bids or included with the bid submitted. By doing so, vendor acknowledges receipt of the addendum and assures full compliance with the addendum. The addendum becomes a part of the bid package and supersedes original specifications that are changed by the addendum.

13. PAYMENT TERMS

Unless otherwise provided in the solicitation payment will be made thirty (30) days after receipt of a proper invoice, or thirty (30) days after receipt of all goods or acceptance of work, whichever is the latter. Invoices for items/services ordered, delivered/performed and accepted shall be submitted by the bidder directly to the payment address shown on the purchase order/contract. All invoices shall show the contract number, purchase order number, and any federal employer identification number.

14. PURPOSE

The purpose and intent of this Invitation for Bid is to establish a firm fixed price contract with a qualified firm with masonry expertise for the masonry repair on the training burn building at Porter Road, Orange County Virginia, 22960, in accordance with the terms, conditions and specifications contained herein. This solicitation is issued by Orange County Procurement on behalf of the Orange County Board of Supervisors, herein referred to as Orange County.

15. BID SPECIFICATIONS

The Contractor shall complete all masonry repairs and installation of stairs and railing as outlined in the specifications and drawings. The contractor shall provide all equipment and qualified personnel to perform work as outlined.

16. SUBMISSION OF BIDS

Sealed bids must be received no later than, 2:00 p.m. local time, Tuesday, October 28, 2008, at the Orange County Finance Department, Gordon Building, 112 West Main Street, 2nd Floor, Finance Department, Orange, VA 22960. Bids may be delivered by mail or hand delivered. Bids received after the specified time will not be accepted.

17. EVALUATION AND AWARD

Orange County will evaluate and award a contract to the lowest responsive responsible bidder based on the prices indicated on the Bid forms. Orange County reserves the right to conduct any test it may deem advisable and to make all evaluations. Orange County also reserves the right to reject any bids, in whole or in part, to waive informalities prior to making the award, whenever it is deemed in the sole opinion of Orange County Board of Supervisors to be in its sole interest.

18. ASSIGNMENT OF CONTRACT

A contract shall not be assignable by the whole or in part without the written consent by Orange County Board of Supervisors.

19. INSURANCE REQUIREMENTS

By signing and submitting a bid under this solicitation, the Bidder certifies that if awarded the contract, it shall have the appropriate Worker's Compensation and Employer's Liability Insurance and will provide the County with a Certificate of Insurance describing the limits of coverage and naming Orange County as an additional insured party.

20. IFB Form

All bids shall be signed in ink by authorized principles of the firm and must be received in sealed packaging with the statement "Masonry Work at Burn Building IFB # 2009-01" typed or printed in the lower left hand corner.

The following form, or its equivalent created by the Bidder, must be used in returning the solicited bid.

**IFB 2009-01
BID FORM, PAGE 1 of 3**

Complete all masonry repairs and installation of stairs and railing as outlined in the specifications and drawings.

TOTAL BID \$_____

BID NUMBER AND OPENING DATE SHOULD BE CLEARLY MARKED ON FRONT OF ENVELOPE.

Full, Legal FIRM NAME

PHONE # (INCLUDING AREA CODE)

ADDRESS

FAX #

CITY, STATE AND ZIP

FEDERAL IDENTIFICATION NUMBER

E-MAIL ADDRESS, IF AVAILABLE

The following clarification/revisions apply to the above IFB:

IFB 2009-01
BID FORM, PAGE 2 of 3

Complete all masonry repairs and installation of stairs and railing as outlined in the specifications and drawings.

Signature below is required to acknowledge the receipt of Addendum 1. Signature on this addendum does not substitute for your signature on the original bid document. The original bid document must be signed.

Name of Firm

Signature / Title

Date

IFB 2009-01
RETURN THESE PAGES
MASONRY REPAIRS AND INSTALLATION OF STAIRS AND RAILING TO ORANGE COUNTY FIRE
TRAINING BURN BUILDING

BID FORM, PAGE 3 OF 3

CONTRACTOR DATA SHEET

1. **QUALIFICATIONS OF BIDDER:** Bidders must have the capability and capacity in all respects to fully satisfy the contractual requirements as specified.
2. **YEARS IN BUSINESS:** Indicate the length of time you have been in business providing this type of service: _____ Years _____ Months.
3. **REFERENCES:** Indicate below a listing of at least three (3) recent or present contracts which you have provided this type of work comparable to the size and scope specified.

1. **Name**
Address
Telephone
Contact Person

2. **Name**
Address
Telephone
Contact Person

3. **Name**
Address
Telephone
Contact Person



COMMONWEALTH OF VIRGINIA
ORANGE COUNTY

WILLIAM ROLFE
COUNTY ADMINISTRATOR

ADDENDUM NO. 1

To: Prospective Bidders and Others Concerned
From: County of Orange/Draper Aden Associates
Date: October 7, 2008
Re: Orange County Training Center
DAA #CV07195-02RI, County Project No. 2009-01

The following changes, corrections, deletions, clarifications, and/or additions constitute Addendum No. 1 to the project. All other general terms, conditions, specifications, and drawings shall remain the same. **Please acknowledge receipt of this Addendum No. 1, dated October 7, 2008 in the space provided on the Bid Form. Failure to acknowledge this addendum may result in your bid being declared non-responsive.**

An alternate concrete slab crack repair, SK3, may be included as an alternate bid in addition to the original slab crack repair, SR2. Attached sketches SK1 through SK3 illustrate the locations of said repair and the repair detail. The lineal footage of slab cracking shall be determined by the contractor. This alternate slab crack repair is approved for the top surfaces of the 1st and 2nd Floor elevated concrete slabs and shall be submitted provided the bid containing this repair is less than the original bid.

ORANGE COUNTY, VIRGINIA
OFFICE OF COUNTY ADMINISTRATOR
WILLIAM ROLFE

20. IFB Form

All bids shall be signed in ink by authorized principles of the firm and must be received in sealed packaging with the statement "Masonry Work at Burn Building IFB # 2009-01" typed or printed in the lower left hand corner.

The following form, or its equivalent created by the Bidder, must be used in returning the solicited bid.

IFB 2009-01
BID FORM, PAGE 1 of 3

Complete all masonry repairs and installation of stairs and railing as outlined in the specifications and drawings.

TOTAL BID \$ 130,425

BID NUMBER AND OPENING DATE SHOULD BE CLEARLY MARKED ON FRONT OF ENVELOPE.

Ken Dotson +/a Titan Construction
Full, Legal FIRM NAME

540-840-5335
PHONE # (INCLUDING AREA CODE)

33225 Constitution Hwy
ADDRESS

540-854-6019
FAX #

Locust Grove Va 22508
CITY, STATE AND ZIP

229-11-0270
FEDERAL IDENTIFICATION NUMBER

Kel Titan @ aol.com
E-MAIL ADDRESS, IF AVAILABLE

The following clarification/revisions apply to the above IFB:

Ken Dotson

IFB 2009-01
BID FORM, PAGE 2 of 3

Complete all masonry repairs and installation of stairs and railing as outlined in the specifications and drawings.

Signature below is required to acknowledge the receipt of Addendum 1. Signature on this addendum does not substitute for your signature on the original bid document. The original bid document must be signed.

Ken Dotson T/A Titan Construction
Name of Firm

Ken Dotson / owner 10/28/08
Signature / Title Date

IFB 2009-01
RETURN THESE PAGES
MASONRY REPAIRS AND INSTALLATION OF STAIRS AND RAILING TO ORANGE COUNTY FIRE
TRAINING BURN BUILDING

BID FORM, PAGE 3 OF 3

CONTRACTOR DATA SHEET

1. QUALIFICATIONS OF BIDDER: Bidders must have the capability and capacity in all respects to fully satisfy the contractual requirements as specified.
2. YEARS IN BUSINESS: Indicate the length of time you have been in business providing this type of service: 23 Years Months.
3. REFERENCES: Indicate below a listing of at least three (3) recent or present contracts which you have provided this type of work comparable to the size and scope specified.
 1. Name Locust Grove Post Office
Address 4447 Germanna Highway Locust Grove Va 22508
Telephone 540-854-6019
Contact Person Ken Dotson
 2. Name Locust Grove Town Center
Address 32301 Constitution Hwy Locust Grove Va 22508
Telephone 540-854-6019
Contact Person Ken Dotson
 3. Name Orange County Public Schools
Address Danley Drive Orange Va 22960
Telephone 540-672-4550
Contact Person Kristen Lebr



COMMONWEALTH OF VIRGINIA
ORANGE COUNTY

WILLIAM ROLFE
COUNTY ADMINISTRATOR

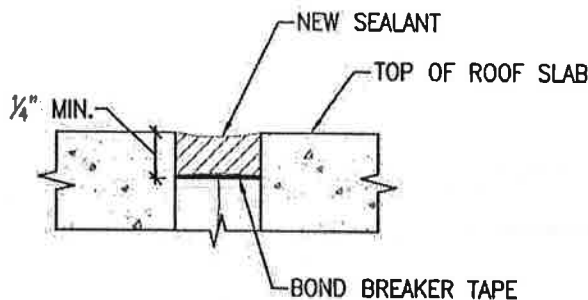
ADDENDUM NO. 1

To: Prospective Bidders and Others Concerned
From: County of Orange/Draper Aden Associates
Date: October 7, 2008
Re: Orange County Training Center
DAA #CV07195-02RI, County Project No. 2009-01

The following changes, corrections, deletions, clarifications, and/or additions constitute Addendum No. 1 to the project. All other general terms, conditions, specifications, and drawings shall remain the same. Please acknowledge receipt of this Addendum No. 1, dated October 7, 2008 in the space provided on the Bid Form. Failure to acknowledge this addendum may result in your bid being declared non-responsive.

An alternate concrete slab crack repair, SK3, may be included as an alternate bid in addition to the original slab crack repair, SR2. Attached sketches SK1 through SK3 illustrate the locations of said repair and the repair detail. The lineal footage of slab cracking shall be determined by the contractor. This alternate slab crack repair is approved for the top surfaces of the 1st and 2nd Floor elevated concrete slabs and shall be submitted provided the bid containing this repair is less than the original bid.

ORANGE COUNTY, VIRGINIA
OFFICE OF COUNTY ADMINISTRATOR
WILLIAM ROLFE



SLAB ROUT AND SEAL DETAIL

SCALE: FULL

NOTES:

1. ROUT GROOVE TO MAINTAIN A 2:1 WIDTH TO DEPTH RATIO, WITH A MIN. DEPTH OF $\frac{1}{4}$ ".
2. CLEAN OUT GROOVE WITH OIL-FREE COMPRESSED AIR OR VACUUM.
3. BOND BREAKER TAPE SHALL BE INSTALLED AT THE BOTTOM OF EACH GROOVE TO PREVENT THE SEALANT FROM BONDING TO BACK OF GROOVE.
4. APPLY SIKAFLEX - 15LM TO GROOVE, FOLLOWING MANUFACTURER'S RECOMMENDATIONS.
5. DO NOT ROUT AND SEAL CRACKS ON UNDERSIDE OF SLABS.

ALTERNATE SLAB CRACK REPAIR
ORANGE CO. TRAINING CENTER
ORANGE, VA

SCALE: AS NOTED
PLAN NO. S3.1



Draper Aden Associates

Engineering • Surveying • Environmental Services

8090 Villa Park Drive
Richmond, VA 23228

804-264-2228 Fax: 804-264-8773

Blacksburg, VA
Charlottesville, VA
Hampton Roads, VA

DESIGNED
DRAWN
CHECKED
DATE

SRC
AH
LSJ
10/7/2008

FIGURE

SK3

GENERAL STRUCTURAL NOTES AND SPECIFICATIONS

FRAMING NOTES

- DESIGN LOADS:
LIVE LOADS:
FLOOR LIVE LOAD = 40 PSF
STAIR LIVE LOAD = 100 PSF
- STRUCTURAL STEEL WIDE FLANGE SHAPES SHALL BE FABRICATED FROM ASTM A992 STEEL. HOLLOW STRUCTURAL SECTIONS (HSS) SHALL BE FABRICATED FROM ASTM A500, GRADE B STEEL. STRUCTURAL STEEL CHANNELS ANGLES AND PLATES SHALL BE FABRICATED FROM ASTM A36 STEEL. HIGH STRENGTH BOLTS SHALL CONFORM TO ASTM A325. NUTS FOR HIGH STRENGTH BOLTS SHALL CONFORM TO ASTM A563 DH. WASHERS FOR HIGH STRENGTH BOLTS SHALL CONFORM TO ASTM F436. ANCHOR RODS SHALL BE ASTM A1554. WELDS SHALL BE MADE WITH E70XX, LOW HYDROGEN ELECTRODES BY WELDERS CERTIFIED FOR THE WELDS SPECIFIED. ALL WELDS SHALL MEET AWS D1.1 STANDARDS. SLAG SHALL BE REMOVED FROM ALL STRUCTURAL WELDS.
- STRUCTURAL CONNECTIONS OF STEEL MEMBERS SHALL BE FABRICATED TO RESIST SHEAR, MOMENT AND/OR AXIAL FORCE VALUES INDICATED ON THE PLANS OR SECTIONS UNLESS SPECIFIC CONNECTIONS ARE SCHEDULED OR DETAILED. WHERE CONNECTION VALUES ARE NOT INDICATED, CONNECTIONS SHALL BE FABRICATED TO RESIST $3/4$ THE TOTAL ALLOWABLE UNIFORM LOAD CAPACITY OF THE BEAM AT THE INDICATED SPAN IN SHEAR ONLY, IN ACCORDANCE WITH THE NINTH EDITION OF THE AISC MANUAL OF STEEL CONSTRUCTION OR SHALL BE FABRICATED TO RESIST $3/4$ THE TOTAL ULTIMATE UNIFORM LOAD CAPACITY OF THE BEAM AT THE INDICATED SPAN IN SHEAR ONLY, IN ACCORDANCE WITH THE SECOND EDITION OF THE AISC MANUAL OF STEEL CONSTRUCTION LOAD AND RESISTANCE FACTOR DESIGN (LRFD).
- STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL AND CIVIL DRAWINGS AND SPECIFICATIONS. CONTRACTOR SHALL VERIFY THE REQUIREMENTS OF OTHER TRADES REGARDING INSERTS, CLIPS, OPENINGS, ETC. TO BE PLACED IN THE STRUCTURAL WORK. VERIFY NUMBER, SIZE AND LOCATION OF ALL ROOF OPENINGS FROM ARCHITECTURAL DRAWINGS AND APPROVED MECHANICAL, ELECTRICAL, PLUMBING AND ELECTRICAL SHOP DRAWINGS. PROVIDE ANGLE FRAMES FOR ALL OPENINGS 1'-0" AND LARGER.
- HIGH STRENGTH BOLTS SHALL BE SNUG TIGHT UNLESS NOTED OTHERWISE AS SLIP-CRITICAL (S.C.) OR FULLY TIGHTENED (F.T.) ON DRAWINGS.
- ALL COLUMN CAP AND BASE PLATES SHALL BE WELDED TO COLUMNS. ALL COLUMN BASE PLATES SHALL BE SHIMMED LEVEL AND GROUTED WITH NON-SHRINK GROUT.
- NO LOADS IN EXCESS OF DESIGN LOADS LISTED SHALL BE PLACED ON ANY AREA DURING CONSTRUCTION UNLESS ADEQUATE SHORING OR OTHER METHOD IS APPROVED TO SUPPORT THE EXCESSIVE LOADS. THE CONTRACTOR SHALL PROVIDE TEMPORARY BRACING FOR THE STEEL FRAME UNTIL PERMANENT BRACING IS COMPLETED.
- WHERE ALIGNMENT OF MATERIALS SUCH AS WALLS AND FACING MATERIALS WILL BE AFFECTED BY DEFLECTIONS AND ROTATIONS OF THE STRUCTURE DURING PLACEMENT OF THE MATERIALS, PROCEDURES SHALL BE USED WHICH WILL ASSURE THE CORRECT FINAL POSITIONS OF MATERIALS.
- ALL NOTES ON STRUCTURAL DRAWINGS SHALL BE ASSUMED TYPICAL UNLESS NOTED OTHERWISE ON DRAWINGS OR SPECIFICATIONS.
- SECTIONS AND DETAILS ARE TO BE USED IN ALL SIMILAR LOCATIONS UNLESS OTHERWISE SHOWN BY OTHER DETAILS AND/OR SECTIONS.
- STRUCTURAL STEEL STAIRS, SHELF ANGLES AND ALL TUBE STEEL TO HAVE 1 SHOP COAT OF PAINT, MINIMUM 1.5 MILS DRY FILM THICKNESS.
- PROTECT STRUCTURAL STEEL ITEMS BELOW GRADE WITH MINIMUM 3 COATS OF ASPHALTIC PAINT OR 3" CLEAR COVER OF CONCRETE ENCASEMENT.
- CAP ALL EXPOSED ENDS OF STEEL TUBES W/ PLATE $1/4"$ x (TUBE HEIGHT) x (TUBE WIDTH).

MASONRY NOTES

- CONCRETE BLOCK UNITS SHALL COMPLY WITH ASTM C90, GRADE N, WITH A MINIMUM COMPRESSIVE STRENGTH OF 1000 PSI ON THE GROSS AREA AND 2150 PSI ON THE NET AREA.
- BRICK UNITS SHALL COMPLY WITH ASTM C62, GRADE SW, 6000 PSI COMPRESSIVE STRENGTH.
- UNLESS NOTED OTHERWISE, MORTAR FOR EXTERIOR AND FOUNDATION MASONRY SHALL BE "TYPE S", PORTLAND CEMENT/LIME MORTAR. MORTAR FOR INTERIOR LOAD BEARING WALLS SHALL BE "TYPE S". MORTAR FOR INTERIOR NON-LOAD BEARING MASONRY SHALL BE "TYPE N" OR "TYPE S".

MASONRY NOTES CONTINUED

- UNLESS NOTED OTHERWISE, ALL CONCRETE MASONRY SHALL HAVE A COMPRESSIVE STRENGTH F'_m OF 1500 PSI AND ALL BRICK MASONRY SHALL HAVE A COMPRESSIVE STRENGTH F'_m OF 1900 PSI. COMPRESSIVE STRENGTH SHALL BE DETERMINED BY THE UNIT STRENGTH METHOD.
- ALL GROUT FOR GROUTING MASONRY BLOCK CORES SHALL BE MINIMUM SAND AGGREGATE CEMENT GROUT AND SHALL MEET ASTM C476. SLUMP GROUT SHALL BE 8". MAXIMUM GROUT LIFT TO BE 5 FEET. ALLOW A 24 HOURS FOR MASONRY TO SET PRIOR TO GROUTING. ROD OR VIBRATE DURING PLACEMENT TO INSURE SOLID GROUTING. ALLOW AT LEAST 15 MINUTES BETWEEN SUCCESSIVE LIFTS.
- MASONRY CONSTRUCTION AND MATERIALS SHALL CONFORM TO ALL PARTS OF "SPECIFICATIONS FOR MASONRY STRUCTURES" (ACI-530.1/ASCE 6-01) BY THE AMERICAN CONCRETE INSTITUTE, EXCEPT AS MODIFIED BY THE CONTRACT DOCUMENTS.
- GROUT ALL MASONRY CELLS AND COLLAR JOINTS BELOW GRADE SOIL.

CONCRETE NOTES

- ALL DETAILING, FABRICATION AND PLACEMENT OF REINFORCING STEEL MIXING, HANDLING, PLACING, FINISHING AND CURING OF CONCRETE SHALL ACCORDANCE WITH ACI "MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE STRUCTURES" (ACI-315) AND ACI "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI-318).
- CONCRETE FOOTINGS:
CONCRETE SHALL CONFORM TO ASTM C94. MINIMUM STRENGTH AT 28 DAYS SHALL BE 3000 PSI FOR FOOTING CONCRETE AND 4000 PSI FOR ALL OTHER CONCRETE OTHER THAN 5" SLABS ON GRADE. MAXIMUM WATER-TO-CEMENT RATIO SHALL BE 0.60 WITH MAXIMUM SLUMP OF 4 INCHES. MAXIMUM SIZE OF AGGREGATE SHALL BE 1 INCH, AND ALL AGGREGATES SHALL CONFORM TO ASTM C33.
- EXTERIOR CONCRETE SHALL BE AIR ENTRAINED, AIR CONTENT TO BE 7 PERCENT BY VOLUME.
- ALL REINFORCING STEEL SHALL BE IN ACCORDANCE WITH ASTM A618 BILLET STEEL DEFORMED BARS, GRADE 60. UNLESS NOTED OTHERWISE REINFORCING BAR SPLICES SHALL BE ACI CLASS B TENSION LAP SPLICE WELDED WIRE FABRIC (W.W.F.) SHALL MEET ASTM A185. MINIMUM W.W.F. SPLICES SHALL BE 8 INCHES.
- THE FOLLOWING CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT NEAREST THE DESCRIBED SURFACE, UNLESS NOTED OTHERWISE:
CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3 IN.
CONCRETE EXPOSED TO EARTH OR WEATHER:
#6 OR LARGER BARS: 2 IN.
#5 OR SMALLER BARS: 1 1/2 IN.
CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:
SLABS, WALLS AND JOISTS:
#11 BAR AND SMALLER: 3/4 IN.
BEAMS AND COLUMNS:
STIRRUPS AND TIES: 1/2 IN.

GENERAL REPAIR NOTES

- ALL REPAIR LOCATION ARE APPROXIMATE. GENERAL CONTRACTOR SHALL REPORT REPAIR LOCATIONS AND QUANTITIES PRIOR TO START OF WORK. DEVIATION INDICATED SHALL BE REPORTED TO THE ARCH/ENGINEER.
- IF DURING THE COURSE OF WORK, UNCOVERED EXISTING CONDITIONS REQUIRE THE INSTALLATION OF REPAIR MATERIALS, CONTACT ARCH/ENGINEER FOR REPAIR DETAILS.
- REPAIR MATERIALS INDICATED MAY BE SUBSTITUTED WITH ALTERNATE MATERIALS AT NO ADDITIONAL COST TO THE OWNER. ALL SUBSTITUTIONS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL BY THE ARCH/ENGINEER.

LEGEND

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THE CONTRACT

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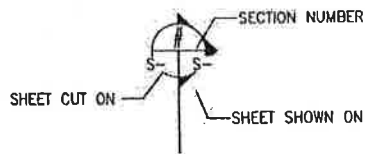
3 INCHES

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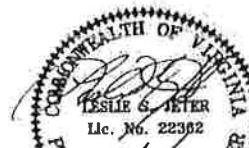
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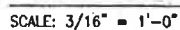
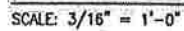
GENERAL NOTES
ORANGE COUNTY TRAINING CENTER

ORANGE COUNTY, VA 22960

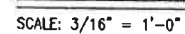
REVISIONS

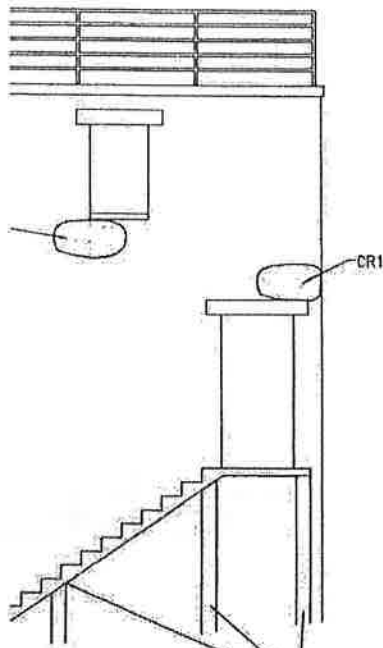
DESIGNED BY: SRQ
DRAWN BY: SRQ
CHECKED BY: LSJ
SCALE: AS NOTED
DATE: SEPTEMBER 9, 2008
PROJECT NUMBER:





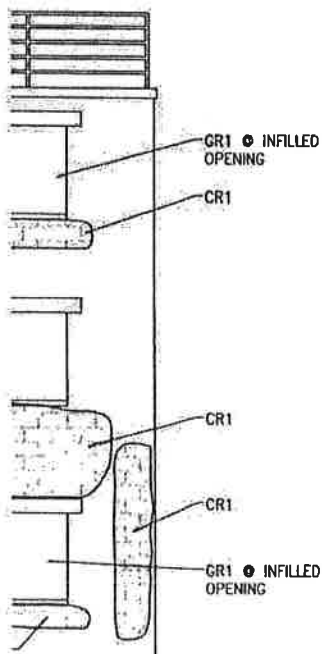
NOTE:
EXISTING WOODEN STAIRS, TO BE
REMOVED, NOT SHOWN FOR CLARITY





EXISTING CONCRETE STAIRS
AND CMU PIERS TO
REMAIN

ATION

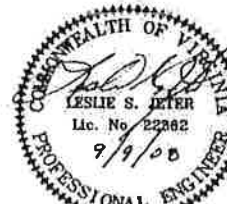


REPAIR NOTES:

1. CR2 REPAIR TO BE MADE AT ALL LOCATIONS OF CRACKED, LOOSE OR SEVERLY WEATHERED MORTAR.
2. ALL JOINTS AT INFILLED WINDOW OPENINGS SHALL BE CHECKED FOR CRACKS/ GAPS IN MORTAR.
3. CR3 REPAIR TO BE MADE AT ALL CRACKS IN CMU LARGER THAN 0.01".

LEGEND:

- CR1: CRACK REPAIR #1; INSTALL HELIBAR RODS PER DETAIL A/S3.0
- CR2: CRACK REPAIR #2; RE-POINT MORTAR JOINTS PER B/S3.0
- CR3: CRACK REPAIR #3; ROUT AND RE-POINT CRACKS IN CMU PER F/S3.0
- GR1: GROUT REPAIR #1; GROUT HOLLOW CMU PER C/S3.0.



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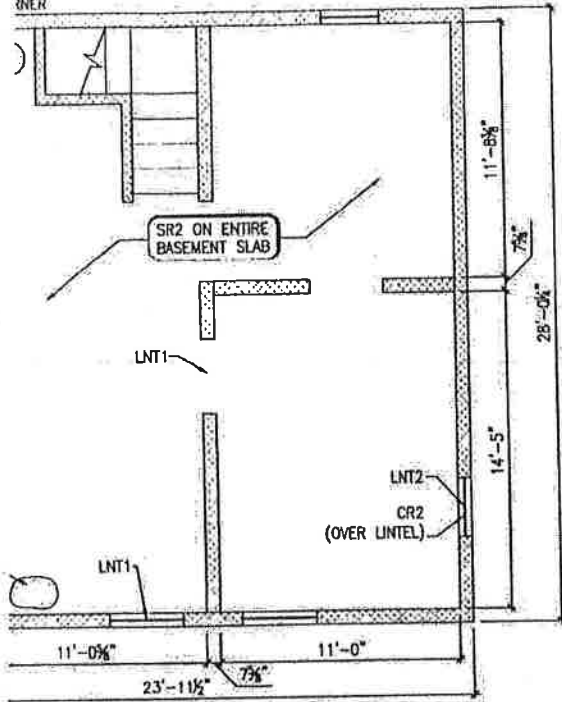
ELEVATIONS
ORANGE COUNTY TRAINING CENTER
ORANGE COUNTY, VA 22960

REVISIONS

DESIGNED BY: SRC
DRAWN BY: SRC
CHECKED BY: LSJ
SCALE: AS NOTED
DATE: SEPTEMBER 9, 2008
PROJECT NUMBER: CV07195-02R1

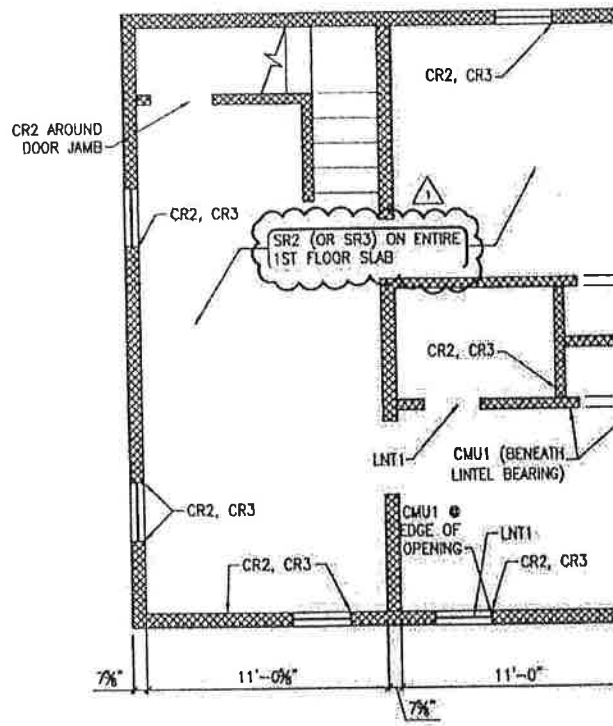
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BASEMENT PLAN

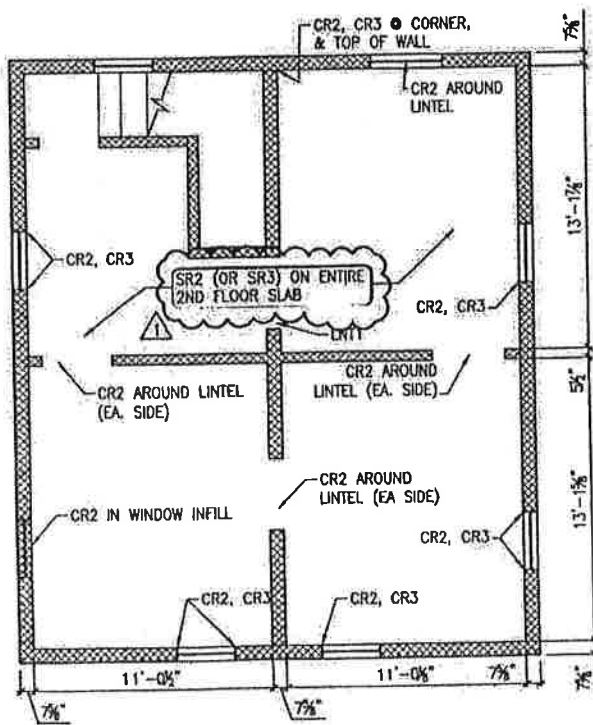
SCALE: 3/16" = 1'-0"



1ST FLOOR PLAN

SCALE: 3/16" = 1'-0"

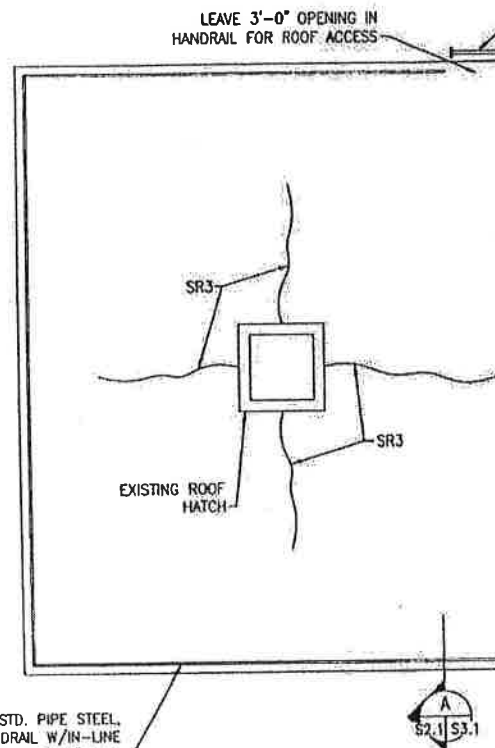
NOTE: U.N.O. "CR2" AND "CR3" INDICATES CRACK REPAIR TO CMU WALL BELOW WINDOWS



2ND FLOOR PLAN

SCALE: 3/16" = 1'-0"

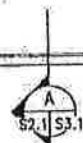
NOTE: U.N.O. "CR2" AND "CR3" INDICATES CRACK REPAIR TO CMU WALL BELOW WINDOWS

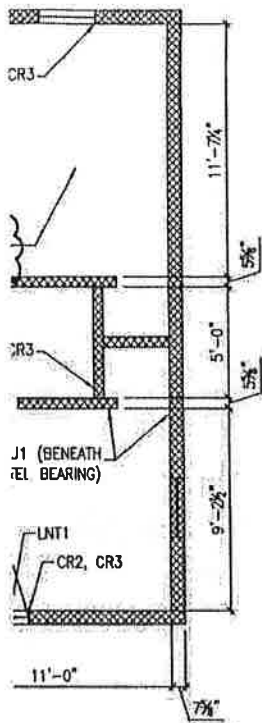


ROOF PLAN

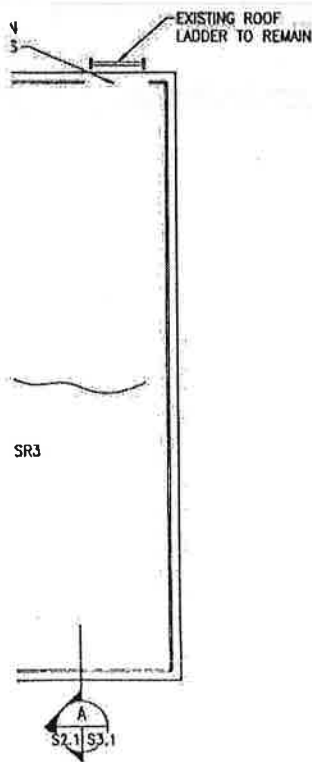
SCALE: 3/16" = 1'-0"

NEW 1 1/4" STD. PIPE STEEL,
5-LINE HANDRAIL W/IN-LINE
POSTS SPA. @ 6'-0" MAX.





CRACKS
WINDOWS



LEGEND:

- CR1: CRACK REPAIR #1; INSTALL HELIBAR RODS PER DETAIL A/S3.0
- CR2: CRACK REPAIR #2; RE-POINT MORTAR JOINTS PER B/S3.0
- CR3: CRACK REPAIR #3; ROUT AND RE-POINT CRACKS IN CMU PER F/S3.0
- LNT1: REMOVE AND REPLACE PRECAST CONCRETE LINTEL; SEE DETAIL G/S3.0
- LNT2: RE-POINT MORTAR AT ENDS OF LINTEL; SEE DETAIL B/S3.0
- SR1: SLAB REPAIR #1; REPAIR SLAB SPALLS IF DEEPER THAN 3/4" PER D/S3.0
- SR2: SLAB REPAIR #2; APPLY SLAB OVERLAY PER E/S3.0
- SR3: SLAB REPAIR #3; ROUT AND SEAL CRACKS PER DETAIL H/S3.0
- CMU1: REMOVE AND REPLACE CMU.



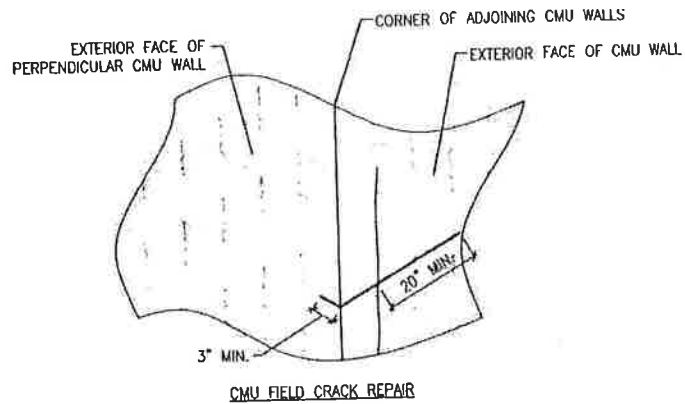
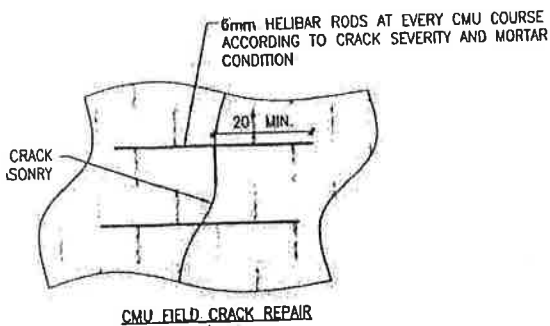
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Charlottesville, VA
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FLOOR PLANS ORANGE COUNTY TRAINING CENTER ORANGE COUNTY, VA 22960

REVISIONS
10/7/08
NOTE CHANGES

DESIGNED BY: SRC
DRAWN BY: SRC
CHECKED BY: LBJ
SCALE: AS NOTED
DATE: SEPTEMBER 9, 2006
PROJECT NUMBER: 0107105-0001



INSTALLATION PROCEDURE BY HELIFIX TO REPAIR CRACKED CONCRETE MASONRY

1. CUT OR CUT SLOTS INTO THE HORIZONTAL MORTAR BEDS TO A MIN. DEPTH OF $\frac{1}{4}$ " AND TO SOUND MORTAR, FOR A MINIMUM OF 20" EITHER SIDE OF CRACK. CLEAN OUT SLOTS WITH BLOW PUMP AND FLUSH WITH WATER.

2. USING A POINTING GUN, INJECT A BEAD OF HELIBOND GROUT TO THE BACK OF THE CRACK.

3. USING A FINGER TROWEL, OR SIMILAR, PUSH THE HELIBAR INTO THE GROUT TO OBTAIN GOOD COVERAGE.

4. INSERT A FURTHER BEAD OF HELIBOND GROUT OVER THE EXPOSED HELIBAR, FINISHING $\frac{3}{4}$ " FROM THE FACE, AND "IRON" INTO THE SLOT USING A FINGER TROWEL. REPOINT THE MORTAR BED AND MAKE GOOD THE SURFACE. NOTE IDEALLY THE REPAIRED AREA SHOULD BE SOAKED PERIODICALLY WHILE THE GROUT CURES.

5. CUT AND SEAL THE VERTICAL CRACKS IN THE CMU PER DETAIL X/S3.0 WITH HELIFIX - 15LM BY HELIFIX IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

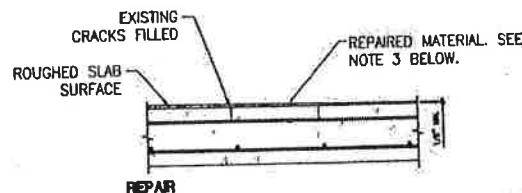
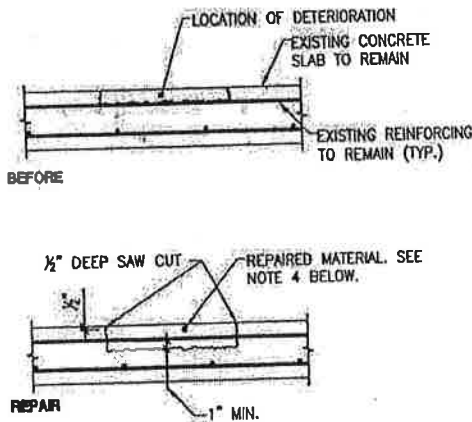
HELIFIX INSTALLATION PROCEDURE BY HELIFIX FOR CRACKS NEAR TERMINATION POINTS

1. AT LOCATIONS WHERE VERTICAL CRACKS ARE LESS THAN 20" FROM A CORNER, BEND HELIBAR 90° AND INSTALL IN MORTAR JOINT SO REMAINING LENGTH OF 20" PORTION WRAPS AROUND PERPENDICULAR WALL.
2. AT LOCATIONS WHERE A VERTICAL CRACK IS LESS THAN 20" FROM AN OPENING, BEND HELIBAR 90° AND INSERT BENT PORTION INTO A 6mm DRILLED HOLE IN THE MASONRY PRIOR TO APPLYING THE HELIBOND GROUT.

SAMPLE TEXT $\frac{1}{2}$ " SCALE

A MASONRY CRACK-STITCH DETAIL

S2.0/S3.0 SCALE: $\frac{1}{2}$ " = 1'-0"



D SLAB SPALL REPAIR

S2.0/S3.0 SCALE: $\frac{3}{4}$ " = 1'-0"

SLAB SURFACE SPALLS GREATER THAN $\frac{3}{4}$ " DEEP SHALL BE REPAIRED PRIOR TO APPLYING THE SLAB OVERLAY MATERIAL. IF SPALL IS LESS THAN $\frac{3}{4}$ " DEEP, FOLLOW PROCEDURE IN DETAIL E, THIS

1. SURFACE SPALLS, SAW-CUT THE PERIMETER OF DETERIORATED AREA IN LINEAR PATTERN, TO A DEPTH OF $\frac{1}{2}$ ". REMOVE UNSOUND CONCRETE TO A DEPTH OF $\frac{1}{2}$ " AND TO A DEPTH OF 1" BEYOND ANY EXISTING CRACKS. PATCH SURFACE SHALL BE ROUGHENED TO A MIN. $\frac{1}{8}$ " CONCRETE PROFILE (ICRI CSP 7).

2. IF REINFORCING IS PRESENT IN DETERIORATED AREA, ALL EXISTING CORROSION REBAR SHALL BE REMOVED TO LEAVE A BRIGHT FINISH. COAT ALL REBAR WITH A CORROSION INHIBITOR.

3. SURFACE OF PATCH AREA SHALL BE SATURATED SURFACE DRY. PATCH AREA SHALL BE REPAIRED WITH SIKATOP 224, SCRUBBING REPAIR MATERIAL INTO THE SUBSTRATE. ALL VOIDS. CURE PATCH MATERIAL FOLLOWING MANUFACTURER'S RECOMMENDATIONS.

E SLAB OVERLAY DETAIL

S2.0/S3.0 SCALE: $\frac{3}{4}$ " = 1'-0"

NOTES:

1. ALL SLAB TOP SURFACES SHALL BE ROUGHENED TO A CSP 4 ($\frac{1}{8}$ ") BY SAND BLASTING OR OTHER MECHANICAL MEANS.
2. REMOVE ALL DEBRIS AND DUST FROM SLAB SURFACE AND WITHIN VISIBLE CRACKS USING OIL-FREE COMPRESSED AIR OR VACUUM.
3. SLAB SURFACE SHALL BE SATURATED SURFACE DRY (SSD) WITH NO STANDING WATER. APPLY SIKATOP 122 PLUS TO PREPARED SLAB SURFACE, WORKING MATERIAL INTO ALL CRACKS AND VOIDS, APPLY MATERIAL TO ACHIEVE A THICKNESS OF $\frac{1}{4}$ " ABOVE THE EXISTING SLAB LEVEL.
4. AT DOORWAYS, THE OVERLAY TOPPING MAY BE FEATHERED TO A MIN. OF THICKNESS OF $\frac{1}{8}$ ".
5. CURE OVERLAY MATERIAL FOLLOWING THE MANUFACTURER'S RECOMMENDATIONS.

IN ALL CASES THE DEPTH OF MORTAR REMOVED SHALL EXTEND TO SOUND MATERIAL.

- CUT JOINTS SHALL BE CLEANED WITH OIL-FREE COMPRESSED AIR. MORTAR JOINTS SHALL BE REPOINTED WITH TYPE "O" PORTLAND CEMENT/LIME MORTAR, IN THREE EQUAL LIFTS WITH NO VOIDS AND TOOLED TO A CONCAVE SHAPE.
- RE-POINTING MORTAR SHALL BE PREHYDRATED TO REDUCE SHRINKAGE FOLLOWING CURING.

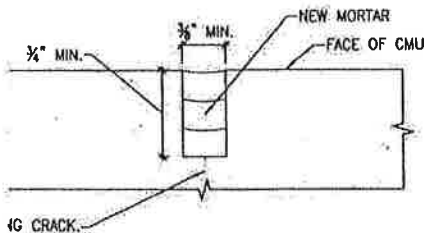


RE-POINTING NOTES

- REMOVE FACE SHELL OF UPPERMOST CMU BLOCK BENEATH PRECAST LINTEL FROM EXTERIOR FACE OF CMU.
- GROUT CELLS USING GROUT SPECIFIED ON SHEET S1.0 AND VIBRATE AS NECESSARY TO ENSURE CONSOLIDATED GROUT.



GROUTING NOTES

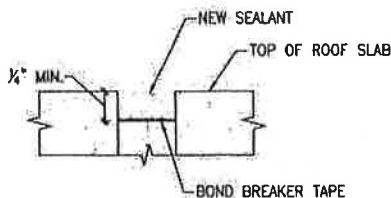


ROUT AND RE-POINT DETAIL

SCALE: FULL

NOTES:

- RE-POINT HORIZONTAL BED JOINTS PRIOR TO ROUTING AND RE-POINTING CRACKS IN CMU.
- ROUT GROOVE TO MAINTAIN A 2:1 WIDTH TO DEPTH RATIO, WITH A MIN. DEPTH OF 1/4".
- FOLLOW PROCEDURE IN DETAIL B, THIS SHEET.

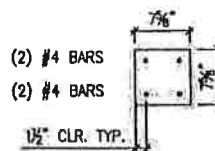


SLAB ROUT AND SEAL DETAIL

SCALE: FULL

NOTES:

- ROUT GROOVE TO MAINTAIN A 2:1 WIDTH TO DEPTH RATIO, WITH A MIN. DEPTH OF 1/4".
- CLEAN OUT GROOVE WITH OIL-FREE COMPRESSED AIR OR VACUUM.
- BOND BREAKER TAPE SHALL BE INSTALLED AT THE BOTTOM OF EACH GROOVE TO PREVENT THE SEALANT FROM BONDING TO BACK OF GROOVE.
- APPLY SIKAFLEX - 15LM TO GROOVE, FOLLOWING MANUFACTURER'S RECOMMENDATIONS.



LINTEL REPLACEMENT DETAIL

SCALE: 3/4" = 1'-0"

NOTES:

- PRECAST CONCRETE LINTELS SHALL CONSIST OF 4,000 PSI CONCRETE.
- ALL BARS TO HAVE CLEAR CONCRETE COVER OF 1 1/2".
- PROVIDE 8" OF BEARING AT EACH LINTEL END.

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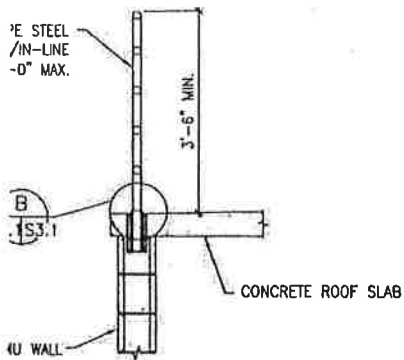
REPAIR SECTIONS AND DETAILS
ORANGE COUNTY TRAINING CENTER
ORANGE COUNTY, VA 22960

REVISIONS

DESIGNED BY: SRC
DRAWN BY: SRC
CHECKED BY: LBJ
SCALE: AS NOTED
DATE: SEPTEMBER 9, 2009
PROJECT NUMBER: CV07195-02R1

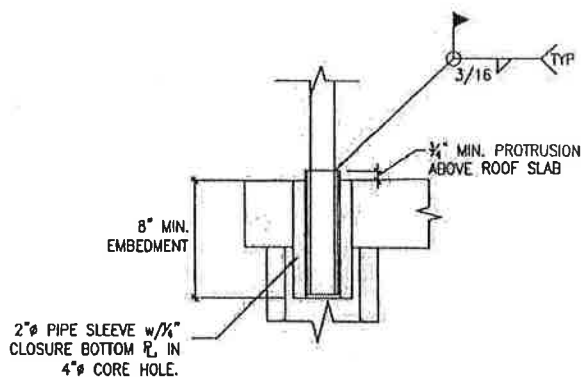
S3.0





A ROOF RAILING DETAIL

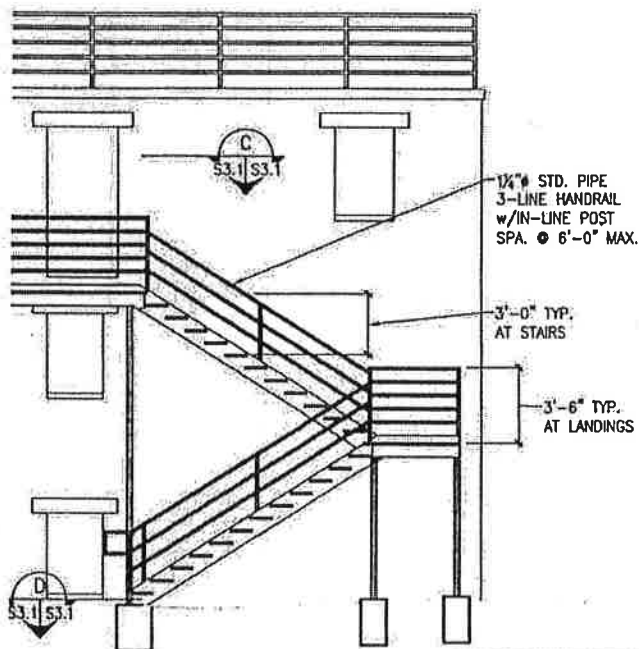
SCALE: 1/2" = 1'-0"



B ROOF RAILING DETAIL

SCALE: 1 1/2" = 1'-0"

1. HOLE AT EACH POST LOCATION TO A DEPTH OF 8" EMBEDMENT, 8" WIDE CMU WALL BELOW.
 2. H POST HOLE WITH A NON-SHRINK, NON-GYPSUM GROUT.
 3. G AND PIPE SLEEVES TO BE PRIMED WITH 1 SHOP COAT OF PAINT, MILS DRY FILM THICKNESS.
 4. VS OF REMOVABLE RAILING, DO NOT WELD PIPE TO SLEEVE. (LOCATIONS FINED BY ORANGE COUNTY AUTHORIZED PERSONNEL)



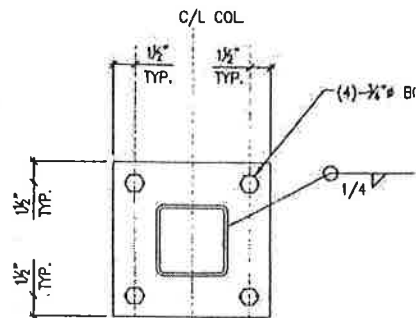
SOUTH ELEVATION

SCALE: 3/16" = 1'-0"

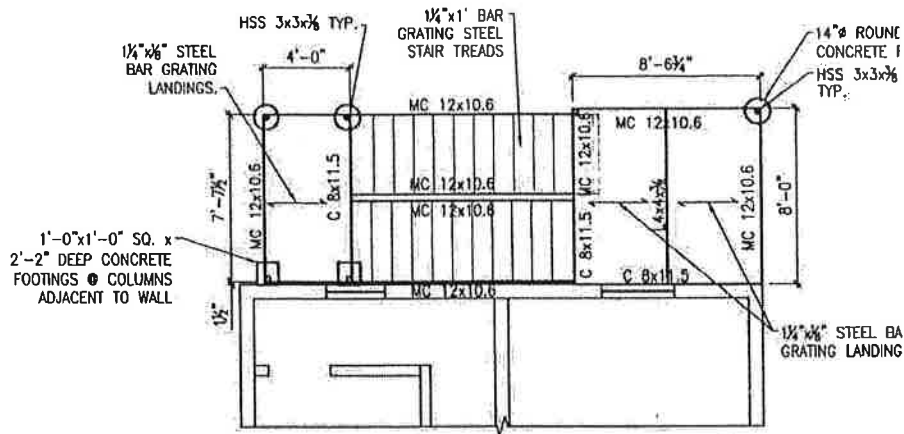
NOTES:
 1. INTERMEDIATED LANDING TO BE APPROX. MIDHEIGHT BETWEEN UPPER LANDING AND GRADE. MAINTAIN CODE REQUIRED TREAD AND RISER DIMENSIONS.
 2. CONTRACTOR TO VERIFY ALL DIMENSIONS BASED ON EXISTING BUILDING.

NOTE:
 1. COLUMN FTGS. FOR COLUMNS ADJACENT TO CMU WALL SHALL BE 1'-0" SQUARE x 2'-0" BELOW GRADE TO BOTTOM OF FTG., POURED DIRECTLY AGAINST CMU WALL.

C/L COL

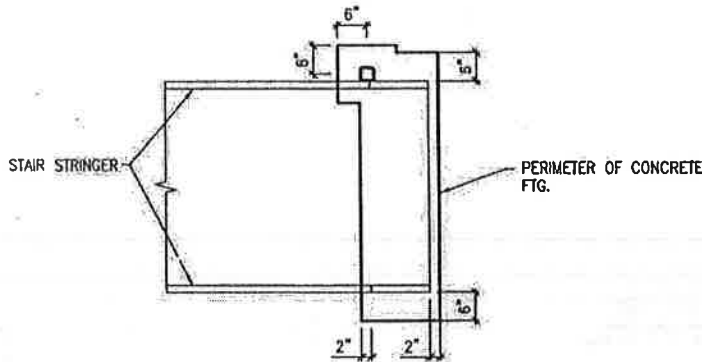


TYP. BASE PLATE DETAIL



NOTE: ALL STEEL STAIR FRAMING TO BE PRIMED w/ 1 SHOP COAT OF PAINT, MIN 1.5 MILS DRY FILM THICKNESS.

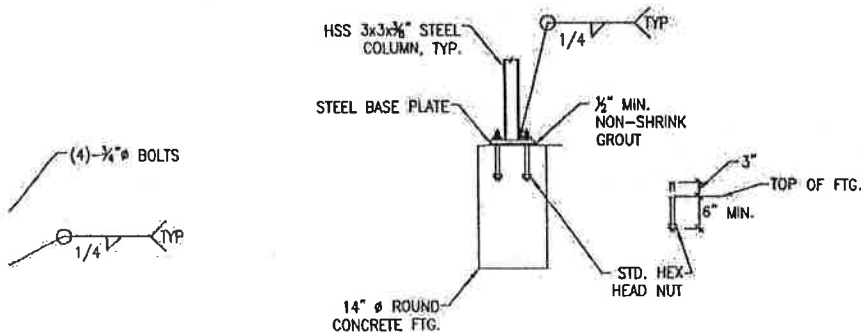
EXTERIOR STEEL STAIR PLAN
SCALE: 3/16" = 1'-0"



STAIR AND COLUMN FOOTING DETAIL
SCALE: 1/2" = 1'-0"

NOTES:

1. STAIR FTG. AND COLUMN FTG. TO BE POURED MONOLITHICALLY.
2. EXTEND FTG. A MIN. OF 6" BEYOND SIDES OF STAIR STRINGERS AND 2" BEYOND FRONT AND BACK OF STAIR STRINGERS AT THE BASE.
3. FRAME SOUTHERN STAIR STRINGER ONTO COLUMN BASE PLATE.



TYPICAL COLUMN BASE DETAIL

SCALE: 1/2" = 1'-0"

Draper Aden Associates

Engineering • Surveying • Environmental Services

Richmond, VA
Bucklebar, VA
Charlottesville, VA
Hampden Roads, VA
804-364-2221 Fax 804-284-8773
www.daa.com



STAIR PLAN, SECTIONS, AND DETAILS
ORANGE COUNTY TRAINING CENTER

ORANGE COUNTY, VA 22960

REVISIONS

DESIGNED BY	SRG
DRAWN BY	SRG
CHECKED BY	LSJ
SCALE	AS SHOWN





WILLIAM ROLFE
COUNTY ADMINISTRATOR

COMMONWEALTH OF VIRGINIA
ORANGE COUNTY

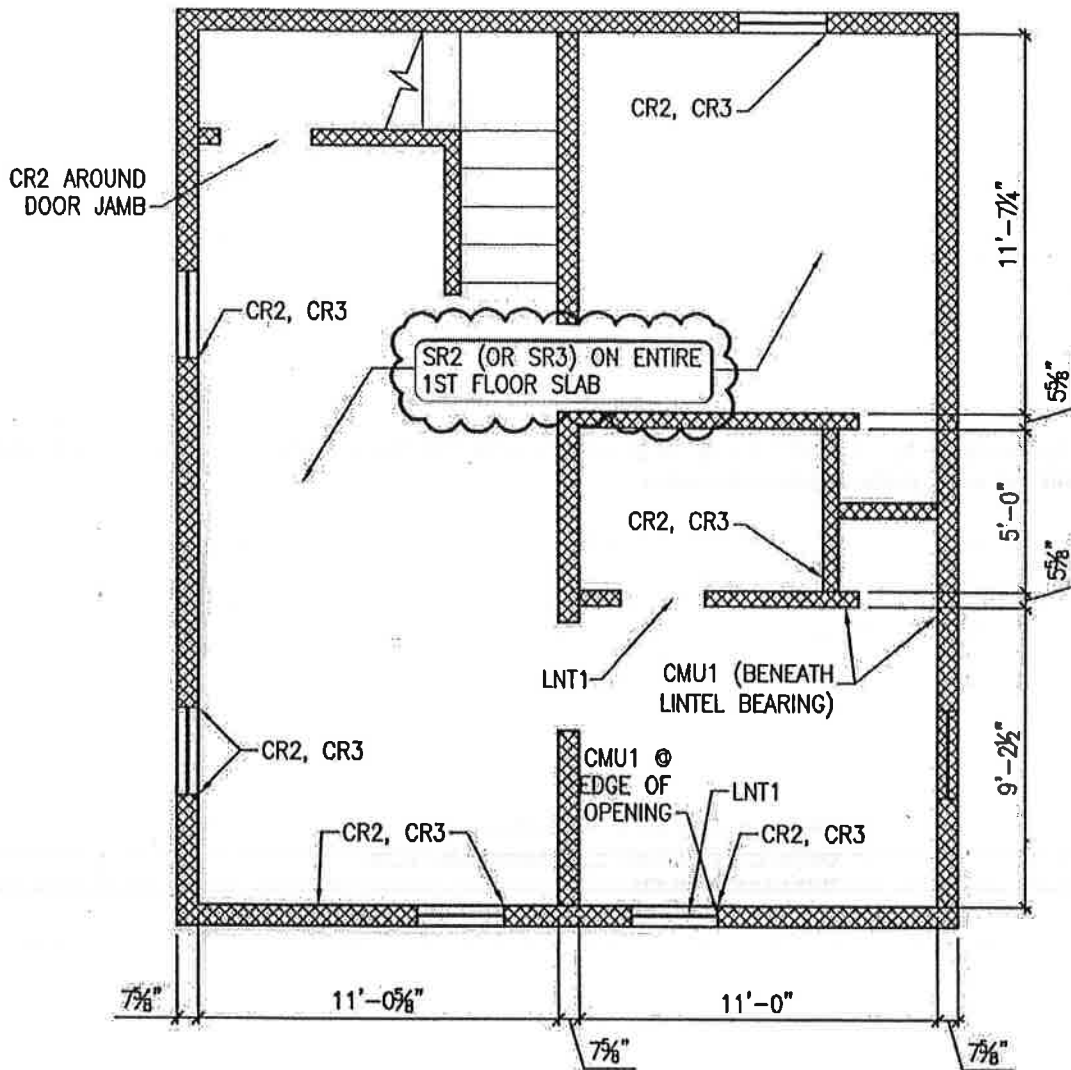
ADDENDUM NO. 1

To: Prospective Bidders and Others Concerned
From: County of Orange/Draper Aden Associates
Date: October 7, 2008
Re: Orange County Training Center
DAA #CV07195-02RI, County Project No. xxxxx/xxxxx

The following changes, corrections, deletions, clarifications, and/or additions constitute Addendum No. 1 to the project. All other general terms, conditions, specifications, and drawings shall remain the same. **Please acknowledge receipt of this Addendum No. 1, dated October 7, 2008 in the space provided on the Bid Form. Failure to acknowledge this addendum may result in your bid being declared non-responsive.**

An alternate concrete slab crack repair, SK3, may be included as an alternate bid in addition to the original slab crack repair, SR2. Attached sketches SK1 through SK3 illustrate the locations of said repair and the repair detail. The lineal footage of slab cracking shall be determined by the contractor. This alternate slab crack repair is approved for the top surfaces of the 1st and 2nd Floor elevated concrete slabs and shall be submitted provided the bid containing this repair is less than the original bid.

ORANGE COUNTY, VIRGINIA
OFFICE OF COUNTY ADMINISTRATOR
WILLIAM ROLFE



1ST FLOOR PLAN

SCALE: 3/16" = 1'-0"

ALTERNATE SLAB CRACK REPAIR:
SR3 IS APPROVED AS AN ALTERNATE SLAB
CRACK REPAIR; SEE SHEET SK3 FOR ROUT
AND SEAL DETAIL.

LEGEND:

SR2: SLAB REPAIR #2; APPLY SLAB OVERLAY
PER E/S3.0
SR3: SLAB REPAIR #3; ROUT AND SEAL
CRACKS PER DETAIL H/S3.0

ALTERNATE SLAB CRACK REPAIR
ORANGE CO. TRAINING CENTER
ORANGE, VA

SCALE: AS NOTED
PLAN NO. S2.1



Draper Aden Associates

Engineering • Surveying • Environmental Services

8090 Villa Park Drive
Richmond, VA 23228
804-264-2228 Fax: 804-264-8773

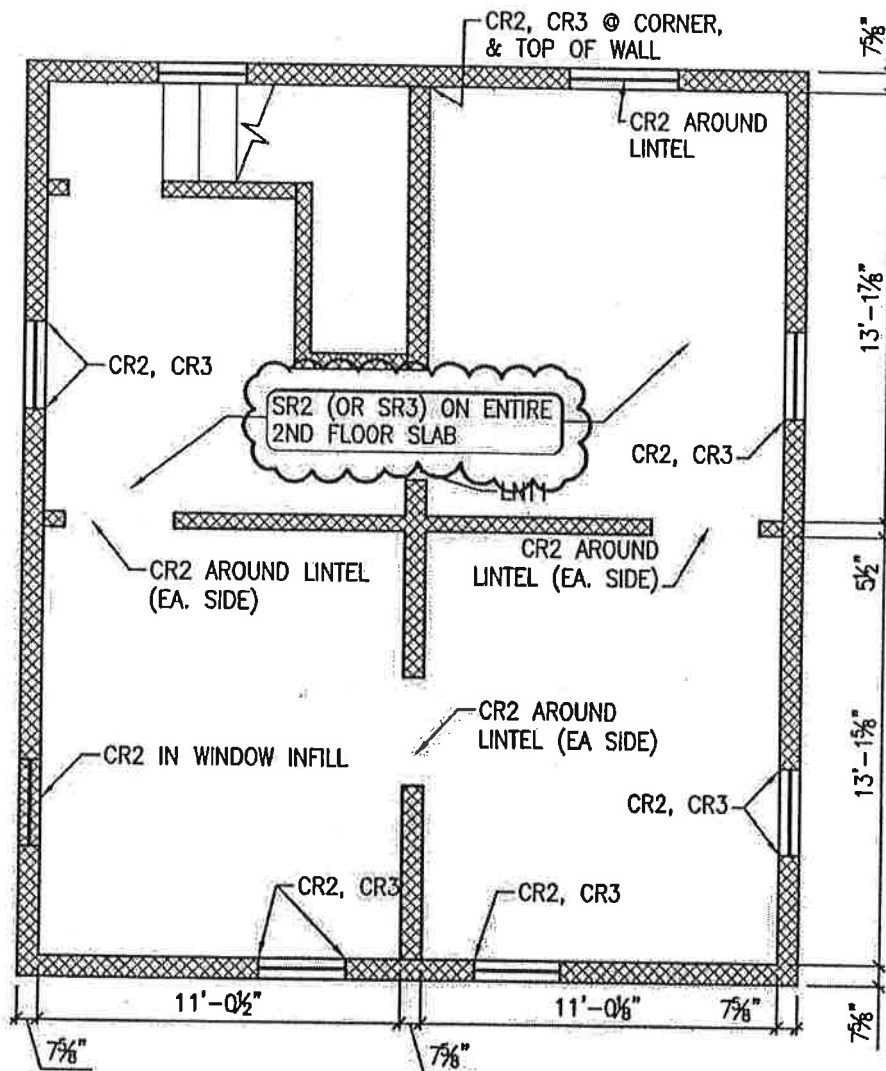
Blacksburg, VA
Charlottesville, VA
Hampton Roads, VA

DESIGNED
DRAWN
CHECKED
DATE

SRC
AH
LSJ
10/7/2008

FIGURE

SK1



2ND FLOOR PLAN

SCALE: 3/16" = 1'-0"

ALTERNATE SLAB CRACK REPAIR:

SR3 IS APPROVED AS AN ALTERNATE SLAB CRACK REPAIR; SEE SHEET SK3 FOR ROUT AND SEAL DETAIL.

LEGEND:

SR2: SLAB REPAIR #2; APPLY SLAB OVERLAY PER E/S3.0

SR3: SLAB REPAIR #3: ROUT AND SEAL CRACKS PER DETAIL H/S3.0

ALTERNATE SLAB CRACK REPAIR
ORANGE CO. TRAINING CENTER
ORANGE, VA

SCALE: AS NOTED

PLAN NO. S2.1



Draper Aden Associates

Engineering • Surveying • Environmental Services

8090 Villa Park Drive
Richmond, VA 23228
804-264-2228 Fax: 804-264-8773

Blacksburg, VA
Charlottesville, VA
Hampton Roads, VA

DESIGNED
DRAWN
CHECKED
DATE

SRC
AH
LSJ
10/7/2008

FIGURE

SK2

ORANGE COUNTY
DEPARTMENT OF PUBLIC WORKS

KURT L. HILDEBRAND
DIRECTOR
OFFICE: (540) 672-9600
FAX: (540) 672-9700



PO Box 111
ORANGE, VIRGINIA 22960
khildebrand@orangecountyva.gov

SUMMARY OF COSTS

Repairs to masonry/concrete, stairs	Titan Construction	\$66,980.00
Thermal Panels/Monitoring (Material)	Fire Facilities	\$37,441.00
Thermal Panels/Monitoring (Installation)	JP Construction	\$32,185.00
Signage	Black Forest Sign, Inc.	\$400.00
Engineering	Draper Aden Associates	\$11,272.57
Total Reimbursement Request		\$148,278.57

**ORANGE COUNTY BOARD OF SUPERVISORS
REQUEST FOR PAYMENT**

Month of: May '09

VENDOR NUMBER: _____

PAYABLE TO:

Black Forest Sign, Inc

PO Box 703

Culpeper, VA 22701

Activity:

Acct No.:

Amount:

43200

8197

\$ 400.00

\$

\$

P.O. # _____

Liquidate: _____

\$ 400.00

Invoice #:

Amount:

Description:

91460

\$400.00

Live Fire Signs - Burn Building

With my signature, I certify that this purchase conforms to the Orange County Procurement Policy.

Director's or designee's signature: _____

Title: _____

Director of Public Works

Date: _____

May 26, 2009

Black Forest Sign, Inc.

PO Box 703

Culpeper, VA 22701



Invoice

Date	Invoice #
5/20/2009	91460

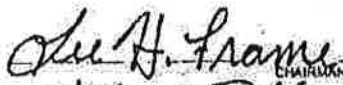
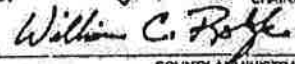
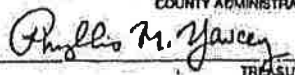
Bill To
Orange County Fire Chiefs Asso. Orange, VA c/o Jeff Moubray 672-0651

P.O. No.		Project	
Acptd. Quote		LIVE FIRE SIGNS	
Quantity	Description	Rate	Amount
	Single Faced Aluminum Panel NonTaxable Service	400.00 0.00%	400.00T 0.00
Total			\$400.00

All invoices are due upon presentation unless previous written agreements have been accepted by Black Forest Sign, Inc.
Past due accounts will be assessed a 6% late fee after 30 days. Warrants and/or liens are filed after 90 days.

Phone #
540-825-0017

Thank you for your business!

COUNTY OF ORANGE 112 WEST MAIN STREET POST OFFICE BOX 111 ORANGE, VA 22960-0000		- ACCOUNTS PAYABLE -	09-1 610	CHECK NO. 97715
		DATE 6/04/2009	AMOUNT \$*****400.00	
FOUR HUNDRED DOLLARS 00CENTS				
PAY TO THE ORDER OF	BLACK FOREST SIGN, INC. PO BOX 703 CULPEPER, VA 22701		  COUNTY ADMINISTRATOR	
BANK OF AMERICA, N.A. CHARLOTTESVILLE, VA			 TREASURER	
⑈097715⑈ ⑆051000017⑆00001211429⑈				

		DO NOT WRITE/ SIGN/ STAMP BELOW THIS LINE	DEPOSITORY BANK ENDORSEMENT	X ENDORSE CHECK HERE

Tag	Serial Number	Note Payee Name	Item Date Volume ID	Account Number Issue Date	Amount
No	97715	No	06/09/2009 09070240068401	12111429	400.00

ORANGE COUNTY BOARD OF SUPERVISORS
REQUEST FOR PAYMENT

Month of: April '09

VENDOR NUMBER: 1457

PAYABLE TO:

	Activity:	Acct No.:	Amount:
Titan Construction	43200	8197	\$ 66,980.00
33225 Constitution Hwy			\$
Locust Grove, VA 22508			\$
			\$
			\$

P.O. # 1961

Liquidate: _____

\$ 66,980.00

Invoice #:

Amount:

Description:

\$66,980.00

Repairs Per Contract - Burn Building

cc: Amy

With my signature, I certify that this purchase conforms to the Orange County Procurement Policy.

Director's or designee's signature:



Title:

Director of Public Works

Date:

April 17, 2009



TITAN CONSTRUCTION

GENERAL CONTRACTOR
RESIDENTIAL • COMMERCIAL



INVOICE

April 17, 2009

Orange County Public Works
P.O. Box 111
112 West Main Street
Orange, Va 22960

Attn: Kurt Hildebrand

Ref: Orange County Burn Building
Contract Number 2009-01

Kurt,

We have completed all work for the above referenced project per our contract dated December 10, 2008. Not included in our original contract was the core drilling for the railing or digging and pouring the concrete footers for the steps. The extra charge for performing this work is \$1,480.00. Our breakdown is as follows:

Original Contract Amount	\$65,500.00
Extra Work	\$ 1,480.00

Total due	\$66,980.00
-----------	-------------

Thank you for letting us be of service to you. Should you need anything in the future please don't hesitate to call.

Sincerely,

Ken Dotson

PAGE- 1 Batch # 1517

ORANGE COUNTY
C/O FINANCE DEPARTMENT
P. O. BOX 111
ORANGE, VA 22960-0000
PHONE # 540-672-3313
FAX # 540-672-0900

** PURCHASE
** ORDER NUMBER
** 01961

DATE-2009/01/09

VENDOR: TITAN CONSTRUCTION 001457
33225 CONSTITUTION HWY
LOCUST GROVE, VA 22508

SHIP TO- PUBLIC WORKS DEPARTMENT
ORANGE COUNTY
ATTN: MURT HILDEBRAND
P.O. BOX 111
ORANGE VA 22960

ATTENTION- KENNY DOTSON

ORDER DATE- 2009/01/09 SHIP VIA- VARIOUS

REQUESTED SHIP DATE- 20090109 REFERENCE-REQUISITION #95

ITEM NO.	STOCK#	QUANTITY	UNIT ISSUE	DESCRIPTION G/L NUMBER	UNIT COST	EXTENDED COST
1		1		MASONRY REPAIRS 001-4-100-043200-8197- PURCHASE ORDER FOR THE MASONRY REPAIRS TO BE PERFORMED ON THE REGIONAL FIRE TRAINING FACILITY.	65,500.000	65,500.00
TOTAL COST						\$65,500.00

***** IMPORTANT *****

OUR PURCHASE ORDER NUMBER MUST APPEAR ON ALL PACKING SLIPS, INVOICES, AND CORRESPONDENCE.
PLEASE ADVISE US IF YOU ARE UNABLE, FOR ANY REASON, TO SHIP ON THE REQUESTED DATE.
THIS PURCHASE IS EXEMPT FROM TAX UNDER PROVISIONS OF ALL STATE RETAIL SALES AND USE TAX ACTS.

ORDER TYPE ORIGINAL

APPROVED BY B. ROLFE

DATE- 2009, 01, 09



ORANGE COUNTY, VIRGINIA

Contract Number: 2009-01
Burn Prop Contract

This contract entered into this 10th day of December, 2008, by Titan Construction Company, hereinafter called the "Contractor" and County of Orange, Virginia called the "Purchasing Agency".

WITNESSETH that the Contractor and the Purchasing Agency, in consideration of the mutual covenants, promises and agreements herein contained, agree as follows:

SCOPE OF CONTRACT: The Contractor shall provide the goods/services to the Purchasing Agency as set forth in the Contract Documents and Invitation for Bid (IFB #2009-01) dated October 10, 2008.

PERIOD OF PERFORMANCE: From January 1st, 2009 through March 31st, 2009.

The contract documents shall consist of:

- (1) This signed form;
- (2) The following portions of the Invitation for Bids dated October 10th, 2008
 - (a) Scope of Work
 - (b) State engineer's plans
 - (c) Period of Performance (See above)
 - (d) The General Terms and Conditions
- (3) The Contractor's Proposal dated October 28th, 2008 (\$130,425.00). Titan Construction & Orange County has agreed to a negotiated price in the amount of \$65,500.00 dated on December 3, 2008.

IN WITNESS WHEREOF, the parties have caused this Contract to be duly executed intending to be bound thereby.

CONTRACTOR:

By:

Kenny DeLeon

Title: President

PURCHASING AGENCY:

By:

William C. Rolfe

Title: County Administrator Purchasing Agent

**COUNTY ADMINISTRATOR'S OFFICE
P.O. BOX 111
ORANGE, VIRGINIA 22960**

At a regular meeting of the Orange County Board of Supervisors held on December 09, 2008, the following action was taken:

081209 – 5B

RE: AWARD OF CONTRACT FOR BURN BUILDING

Mr. Burkett moved, seconded by Mr. Goodwin and carried, to authorize the County Administrator to enter into a contract with Titan Construction for masonry repairs to the Orange County Burn Prop, in the amount of \$65,500. The contract shall be paid from the Department of Public Works line item 43200-8197 as appropriated by the Board of Supervisors on April 8, 2008. This amount will be reimbursed by the Virginia Department of Fire Programs (VDFP) upon completion of the repairs.

Ayes: Johnson, Burkett, Goodwin, Pace, Frame. Nays: None.

MOTION APPROVED


William C. Rolfe
County Administrator

cc: Kurt Hildebrand, Director of Public Works
Joe Rodish, Procurement Technician
Karen Karasinski, Finance Director
Julie Jordan, Assistant County Administrator
File: Contracts: Burn Building - Titan Construction
Board Actions 2008

COUNTY OF ORANGE 112 WEST MAIN STREET POST OFFICE BOX 111 ORANGE, VA 22960-0000		- ACCOUNTS PAYABLE -		69-1 510	CHECK NO. 97388
		DATE 5/06/2009	AMOUNT \$*****66,980.00		
SIXTY SIX THOUSAND NINE HUNDRED EIGHTY DOLLARS 00CENTS*****					
PAY TO THE ORDER OF	TITAN CONSTRUCTION 33225 CONSTITUTION HWY LOCUST GROVE, VA 22508		<i>Lee H. Frame</i> CHAIRMAN <i>William C. Royle</i> COUNTY ADMINISTRATOR <i>Phillip M. Yancey</i> TREASURER		
BANK OF AMERICA, N.A. CHARLOTTESVILLE, VA					
⑈097388⑈ ⑆051000017⑆000012111429⑈					

010200744 05132003 >031454027< VIRGINIA COMMUNIT

DO NOT WRITE/ SIGN/ STAMP BELOW THIS LINE
DEPOSITARY BANK ENDORSEMENT

ENDORSE HERE
X Titan Construction

Tag	Serial Number	Note Payee Name	Item Date Volume ID	Account Number Issue Date	Amount
No	No		05/13/2009	12111429	66980.00
	97388		09060140224501		

**ORANGE COUNTY BOARD OF SUPERVISORS
REQUEST FOR PAYMENT**

Month of: May '09

VENDOR NUMBI 3345

PAYABLE TO:

Fire Facilities

Activity:

Acct No.:

Amount:

43200

8197

\$ 37,441.00

\$

\$

P.O. # 1977

Liquidate: _____

\$ 37,441.00

Invoice #:

Amount:

Description:

114176

\$37,441.00

Concrete - Burn Building

With my signature, I certify that this purchase conforms to the Orange County Procurement Policy.

Director's or designee's signature:



Title:

Director of Public Works

Date:

May 19, 2009

FIRE FACILITIES INC.
Steel Fire Training Towers

Order Confirmation

216 Wilburn Road * Sun Prairie, WI 53590
Phone: 800-929-3726 * Fax: 866-639-7012

Number:		114176
Order Date	Ship Date	Terms
03/09/09	04/24/09	Net 30 Days
Project Code:		

Sold To #: 35411
ORANGE COUNTY
C/O FINANCE DEPARTMENT
P.O. BOX 111
ORANGE, VA 22960-0000

Ship To:
PUBLIC WORKS DEPT - ORANGE CTY
KURT HILDEBRAND
11350 PORTER ROAD
ORANGE, VA 22960

Ship Via	SalesPerson	Location	Ship To Contact	Customer Phone:	Customer Fax:	PO#	Page:1
BESTWAY	Tony Bonanno	FFI	KURT HILDEBRAND	540/672-3313		01977	

Item No.	Description	Quantity	Unit	Unit Price	Total Price
WESTEC-101	Westec, Concrete, Job Location: ORANGE, VA Model: Concrete	1	Each	35,500.00	35,500.00
FRT	Freight	1	Each	1,941.00	1,941.00

Bill To: ORANGE COUNTY
C/O FINANCE DEPARTMENT
P.O. BOX 111
ORANGE, VA 22960-0000

Subtotal: 37,441.00
Invoice Discount: 0.00
Total Sales Tax: 0.00
Total: 37,441.00



Purchase Requisition
Orange County Offices
P.O. Box 111
Orange, Virginia 22960

Requisition Number 123
(Requisition # to be entered by Procurement Technician)

Date of Requisition: 2009-02-23

Department Contact: Kurt Hildebrand

☐ State Contract: Contract #: _____

Purchase Order Type: Original

Account to be charged: 4-100-043200-8197

If change order, please provide original PO #: _____

Vendor Name: Fire Facilities, Inc.

Vendor Number: 3345

Deliver To: Orange County Regional Fire Training Center

Address: 216 Wilburn Road

Address: 11350 Porter Road

City: Sun Prairie

City: Orange

State: WI Zip Code: 53590

State: VA Zip Code: 22960

Phone Number: (800) 929-3726

Terms: _____

Fax Number: (800) 639-7012

Ship Via: Best Way

Contact Name: Tony Bonanno

Requested Delivery Date: _____

Description	Catalog Number	Qty.	UoM	Unit Price	Amount
WESTEC Insulation Fire Panel System		1	Isun	\$35,500.00	\$35,500.00
Special Instructions/Comments:					
					Total 35,500
					Shipping Charge \$1,941.00
					Grand Total 37,441

☐ Mail PO to Vendor

☒ Fax PO to Vendor

Return Purchase Order To:

Public Works

Approved By - Department Head

Approved By - Finance

Approved By - County/Assistant County Administrator



Purchase Requisition
Orange County Offices
P.O. Box 111
Orange, Virginia 22960

Where will the item(s) be used?

Regional Fire Training Facility.

Briefly explain use:

Panel system will be used in the burn rooms located at the regional fire training facility. Training tools used by the local fire departments to ensure the safety of the fire fighters and maintain the structural integrity of the training facility.

General Instructions:

1. All purchase requisitions must be submitted to the Finance Department for approval and processing.
2. Any purchases exceeding \$30,000 must have Board of Supervisor approval before purchase.
3. Any contract for insurance, professional service, or construction must have prior Board of Supervisor approval..

**COUNTY ADMINISTRATOR'S OFFICE
P.O. BOX 111
ORANGE, VIRGINIA 22960**

At a regular meeting of the Orange County Board of Supervisors held on January 27, 2009, the following action was taken:

090127 - 5B

RE: BURN PROP CONTRACT

Mr. Burkett moved, seconded by Mr. Goodwin and carried, to authorize the County Administrator to purchase the Westec Burn Room Insulation System from Fire Facilities, Inc. in the agreed upon amount of \$38,265 and to contract with J.P. Construction for the installation for the Westec panels and temperature monitors for the agreed upon amount of \$32,185. The total of \$70,450 will be reimbursed to Orange County through the current VDFP grant.

Ayes: Johnson, Burkett, Goodwin, Pace, Frame. Nays: None.

MOTION APPROVED


William C. Rolfe
County Administrator

cc: Karen Karasinski, Finance Director
Kurt Hildebrand, Director of Public Works
Julie Jordan, Assistant County Administrator
File: Agreements: Burn Prop Contract 2009
Board Actions 2009

PROPOSAL

FIRE FACILITIES INC.
216 WILBURN ROAD
SUN PRAIRIE, WI 53590-9401

ISO 9001:2000 Certified

FIRE FACILITIES INC.

Steel Fire Training Towers

An employee-owned company

To: Orange Volunteer Fire Co. Jeff Moubray Proposal # 4090	From: Tony Bonanno Regional Manager	Date: November 7, 2008 Phone: 1-800-929-3726 or (608) 327-4100 Fax: 1-866-639-7012 or (608) 834-1843 E-mail: tbonanno@firefacilities.com
---	---	---

Remarks:

This proposal is regarding the price requested for Orange, VA
The total estimated weight for these materials is 6,971.80 lbs. 35,500.00
The total price for this fire tower or parts, F.O.B. Sun Prairie, WI is 526,324.00 as described below: * See tax note below
Freight: \$1,941.00

Freight + Material Price: ~~\$38,263.00~~

Price Includes The Following:

Westec insulating system for lining three areas (8'x11'-1"x8'-7" high ceiling (3 walls only). 8'-11"x11'-1/2"x8'-3" high ceiling,
11'-1/2"x13'-1 3/4"x8'-7" high ceiling)

(1) Temperature meters and (6) thermocouples

- Note:
1. This price does not include window shutters or burn room doors.
 2. Exact dimensions of the room(s) layout will need to be provided if this becomes an order
 3. Insulating panels are not provided for existing door/shutters - unknown if these items can handle add. weight of panels
 4. Door/Shutter Jams are not covered by westec.
 5. Openings in wall @ floor level will need to be located to supply proper trims

Westec Burn Room Insulation System (The Industry's Best Includes A 15 Year Limited Warranty With Over 200 Installations Nationwide) This burn room insulation system exceeds all other systems and products that have been available to date. The system provides the highest insulation values on the market. It all but eliminates burn room maintenance by providing a durable, corrugated stainless steel protective face. It will withstand and provide continued protection at higher temperatures than any other product.

Ship date is 10-12 weeks upon receipt of signed order approval form and customer PO#. Payment is due in full. 30 days from ship date. Prices include the design, materials, fabrication, and shipping costs only. Prices quoted in U.S. Dollars. Foundation and erection by others, FFI can provide a list of recommended Dealers/Erectors to perform these tasks.

* Taxes applicable, at the time of shipment, must be added for destinations located in the following States: AL, AZ, AR, CA, FL, GA, HI, ID, IA, KS, KY, LA, MI, MN, MS, NV, NJ, NM, NC, ND, OK, PA, SC, SD, TN, UT, VA, WA, & WV
Note: Prices effective 60 days from date of this Proposal

Joe Rodish

From: Tony Bonanno [tbonanno@firefacilities.com]
Sent: Wednesday, February 04, 2009 2:37 PM
To: Joe Rodish
Subject: RE: Follow-up to voicemail

Hi Joe,

Thanks for keeping us posted on your upcoming project. I will honor/hold the price (\$35,500 + freight) in reference to proposal #4090. Please let us know if we can be of further assistance. Take care.

Regards,
Tony Bonanno
FFI

From: Joe Rodish [mailto:jrodish@orangecountyva.gov]
Sent: Wednesday, February 04, 2009 1:19 PM
To: Tony Bonanno
Cc: Kurt Hildebrand
Subject: Follow-up to voicemail

Good Afternoon Tony,

I wanted to follow-up concerning the voicemail that you had left yesterday. I wanted to thank you for giving us a reduction in price to help the county stay within our budget. Due to a decision by our Board of Supervisors made last night, we must go in front of the State of Virginia to request a time extension for the completion of the burn building project. If the extension is granted by the state, the Board of Supervisors will approve the purchase of the Westec system from Fire Facilities.

The only down side to this is that we will meet with the state on February 19th, 2009. A decision will be made the following day. If the extension is granted, we will then have to resubmit our proposal to our board of supervisors on March 10th, 2009. If the board accepts the proposal, we can then execute the contract and issue a purchase order to Fire Facilities. My question to you is that will the revised quote of \$35,500.00 still be valid on March 10th, 2009? We appreciate your cooperation in helping the county with the cost of the materials and look forward to your response. Thanks again for all of your help and have a great afternoon.

Best regards,

Joe Rodish
Procurement Technician
Finance Department
112 W. Main Street, 2nd Floor
P.O. Box 111
Orange, VA 22960
Direct: 540-661-5407
Fax: 540-672-0900
jrodish@orangecountyva.gov

2/23/2009

PURCHASE ORDER

PAGE- 1 Batch # 1547

C/O FINANCE DEPARTMENT

P. O. BOX 111

ORANGE, VA 22960-0000

PHONE # 540-672-3313

FAX # 540-672-0900

** PURCHASE **

** ORDER NUMBER **

** 01977 **

DATE-2009/02/25

VENDOR- FIRE FACILITIES INC 003345
216 WILBURN RD
SUN PRAIRIE, WI 53590

SHIP TO- PUBLIC WORKS DEPARTMENT
ORANGE COUNTY
ATTN: KURT HILDEBRAND
11350 PORTER ROAD
ORANGE VA 22960

ATTENTION- TONY BOANNNO

ORDER DATE- 2009/02/25 SHIP VIA- BEST WAY

REQUESTED SHIP DATE- 20090626 REFERENCE-REQUISITION #123

ITEM NO	STOCK#	QUANTITY	UNIT ISSUE	DESCRIPTION G/L NUMBER	UNIT COST	EXTENDED COST
1		1		WESTEC INSULATION SYSTEM 001-4-100-043200-8197- REFERENCE QUOTATION #4090. REDUCTION IN PRICE AGREED TO BY T. BONANNO ON 2/5/2009. \$35,550.00 + \$1941.00 (FREIGHT)	37,441.000	37,441.00
TOTAL COST						\$37,441.00

***** IMPORTANT *****

OUR PURCHASE ORDER NUMBER MUST APPEAR ON ALL PACKING SLIPS, INVOICES, AND CORRESPONDENCE.
PLEASE ADVISE US IF YOU ARE UNABLE, FOR ANY REASON, TO SHIP ON THE REQUESTED DATE.
THIS PURCHASE IS EXEMPT FROM TAX UNDER PROVISIONS OF ALL STATE RETAIL SALES AND USE TAX ACTS.

ORDER TYPE ORIGINAL

APPROVED BY- B. FOLFE

DATE 2009, 02, 25

COUNTY OF ORANGE
112 WEST MAIN STREET
POST OFFICE BOX 111
ORANGE, VA 22960-0000

- ACCOUNTS PAYABLE -

68-1
610

CHECK NO. 97766

DATE
6/04/2009

AMOUNT
\$*****37,441.00

THIRTY SEVEN THOUSAND FOUR HUNDRED FORTY ONE DOLLARS 00CENTS*****

PAY TO THE
ORDER OF

FIRE FACILITIES INC
216 WILBURN RD
SUN PRAIRIE, WI 53590

BANK OF AMERICA, N.A.
CHARLOTTEVILLE VA

Lee H. Frame
CHAIRMAN
William C. Rife
COUNTY ADMINISTRATOR
Phyllis M. Yancey
TREASURER

⑈097766⑈ ⑆051000017⑆000012111429 ⑈

Dep. on bank ID Marian Chase Bank 905600344014

FOR DEPOSIT ONLY
TRACITE BUILDING SYSTEMS
DO NOT WRITE/STAMP BELOW THIS LINE
DEPOSITORY BANK ENCLOSURE
X
ENDORSE CHECK HERE

Tag	Serial Number	Note Payee Name	Item Date Volume ID	Account Number Issue Date	Amount
No		No	06/10/2009	12111429	37441.00
	97766		09070240068401		

February 3, 2009

**ORANGE COUNTY, VIRGINIA
FINANCE DEPARTMENT**

Joe Rodish
Procurement Technician
Email:
jrodish@orangecountyva.gov
(540) 661-5407
(540) 672-0900 Fax



R. Lindsay Gordon, III Building
112 West Main Street
2nd Floor
P.O. Box 111
Orange, VA 22960

NOTICE

Orange County Government has determined that there is only one source practicably available for the purchase and installation of the thermal insulation panels along with the thermal monitoring system located at the Regional Fire Training Facility. Accordingly, the County of Orange, Virginia will award contracts on or about January 20, 2009 to Fire Facilities in the amount of \$36,324.00 for the purchase of and J.P. Construction, Inc. in the amount of \$32,185.00 for the installation of the "Westec" thermal insulation panel system which includes installation of a the thermal monitoring system.

Other manufacturers that offer this product of similar nature were found to be unsuitable due to the excessive weight loads of the product. Based upon the lightweight construction, the "Westec" system allows for easier installation, maintenance, and it an overall more versatile product. Fire Facilities provided a list of licensed distributors that can install their product and J.P. Construction was the only licensed distributor for the above mentioned products that holds a State of Virginia Class "A" contractor's license. This notice is given in compliance with Section 2.2-4303(E) of the Code of Virginia, 1950, as amended.

**ORANGE COUNTY BOARD OF SUPERVISORS
REQUEST FOR PAYMENT**

Month of: May '09

VENDOR NUMBER: _____

PAYABLE TO:

JP Construction

PO Box 25

Burlington, WI 53105-0025

Activity:

Acct No.:

Amount:

4-100-043200

8197

\$ 32,185.00

\$

\$

P.O. # 1990

Liquidate: _____

\$ 32,185.00

Invoice #:

Amount:

Description:

200907

\$32,185.00

Install Fire Panels - Burn Building

With my signature, I certify that this purchase conforms to the Orange County Procurement Policy.

Director's or designee's signature: _____

Title: _____

Director of Public Works

Date: _____

May 13, 2009

Peterson Murphy, Inc.
dba J. P. Construction
PO Box 25
Burlington, WI 53105-0025
(800) 248-5970

Invoice

Date	Invoice #
5/5/2009	200907

Bill To
Orange County c/o Finance Department PO Box 111 Orange, VA 22960-0000

REMIT TO: Peterson Murphy, Inc.
dba J. P. Construction
PO Box 25
Burlington, WI 53105-0025

P.O. No.	Terms	Project
01990	Upon Receipt	10008 Orange County, VA

Quantity	Description	U/M	Rate	Amount
	Install Westec Fire Panel Insulating system to Regional Fire Training Bldg		32,185.00	32,185.00
			Total	\$32,185.00

PURCHASE ORDER

PAGE- 1 Batch # 1580

ORANGE COUNTY
C/O FINANCE DEPARTMENT
P. O. BOX 111
ORANGE, VA 22960-0000
PHONE # 540-672-3313
FAX # 540-672-0900

** PURCHASE
** ORDER NUMBER
** 01990

DATE-2009/04/21

VENDOR- J.P. CONSTRUCTION 001378
PO BOX 255
BURLINGTON, WI 53105

SHIP TO- PUBLIC WORKS DEPARTMENT
ORANGE COUNTY
ATTN: KURT HILDEBRAND
P.O. BOX 111
ORANGE VA 22960

ATTENTION- JOHN MURPHY

ORDER DATE- 2009/04/21 SHIP VIA- BEST WAY

REQUESTED SHIP DATE- 20090424 REFERENCE-REQUISITION #145

ITEM NO.	STOCK#	QUANTITY	UNIT ISSUE	DESCRIPTION G/L NUMBER	UNIT COST	EXTENDED COST
1		1		FIRE PANEL INSTALL-BURN BLDG 001-4-100-043200-8197- - - REFERENCE PROPOSAL #10008 PO TO INSTALL WESTEC FIRE PANEL INSULATING SYSTEM TO REGIONAL FIRE TRAINING BLDG.	32,185.000	32,185.00
TOTAL COST						\$32,185.00

***** IMPORTANT *****

OUR PURCHASE ORDER NUMBER MUST APPEAR ON ALL PACKING SLIPS, INVOICES, AND CORRESPONDENCE.
PLEASE ADVISE US IF YOU ARE UNABLE, FOR ANY REASON, TO SHIP ON THE REQUESTED DATE.
THIS PURCHASE IS EXEMPT FROM TAX UNDER PROVISIONS OF ALL STATE RETAIL SALES AND USE TAX ACTS.

ORDER TYPE- ORIGINAL

APPROVED BY- B. ROLFE

DATE- 2009/04/21

February 3, 2009

**ORANGE COUNTY, VIRGINIA
FINANCE DEPARTMENT**

Joe Rodish
Procurement Technician
Email:
jrodish@orangecountyva.gov
(540) 661-5407
(540) 672-0900 Fax



R. Lindsay Gordon, III Building
112 West Main Street
2nd Floor
P.O. Box 111
Orange, VA 22960

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COUNTY OF ORANGE
112 WEST MAIN STREET
POST OFFICE BOX 111
ORANGE, VA 22960-0000

- ACCOUNTS PAYABLE -

58-1
510

CHECK NO. 97486

DATE
5/21/2009AMOUNT
\$*****32,185.00

THIRTY TWO THOUSAND ONE HUNDRED EIGHTY FIVE DOLLARS 00CENTS*****

PAY TO THE
ORDER OF J.P. CONSTRUCTION
PO BOX 25
BURLINGTON, WI 53105

BANK OF AMERICA, N.A.
CHARLOTTEVILLE, VA

She H. Frame
William C. Roff
COUNTY ADMINISTRATOR
Phyllis M. Yancey
TREASURER

⑈097486⑈ ⑆051000017⑆000012111429 ⑈

⑈0003218500⑈

US BANK WI LOCKBOX CREDITED TO
010 05282009 WITHIN NAMED PAYEE BUSINESS
091006022 05282009 1273 199481086
S/T 181 ID 9C PKT 3 #749
ACCT 090903199481086
1010691351

DO NOT WRITE/ SIGN/ STAMP BELOW THIS LINE
DEPOSITORY BANK ENDORSEMENT

X
FRODOCK CHECK HERE

Tag	Serial Number	Note Payee Name	Item Date Volume ID	Account Number Issue Date	Amount
No	97486	No	05/28/2009 09060140224501	12111429	32185.00

J.P. Construction

Class A Virginia Contractors Licenses No. 2705 117141 A

P.O. Box 25
Burlington, WI 53105-0025
(800) 248-5970
Fax: (262) 534-5847

Proposal #10008

Shelley Mertig
Fire Facilities, Inc.

November 10, 2008
Page 1 of 2

via email: smertig@firefacilities.com

J.P. Construction proposes to provide **labor only** for the installation of a Westec burn room liner system in an existing fire training tower as follows:

Install new Westec system per Fire Facilities, Inc material proposal # 4090 dated November 7, 2008. Price includes all necessary frame work to support new system. Customer is responsible for removal of existing Westemp panels.

Project Location: Orange, VA

Price is installation in Customers existing training facility. This proposal **DOES NOT** include concrete, masonry, electrical, painting or plumbing work of any kind. 12 V Pyrometer will be installed.

J.P. Construction shall provide all labor personnel, supervision and equipment required to complete installation of described materials. Distribution and protection of materials received on site shall be performed in a uniform manner contributing to visual neatness of the project. All trash and debris will be picked up on a daily basis and deposited in a **receptacle provided by Customer**. Components shall be placed to avoid conflict and potential damage by other trade activity. All work to be completed in a workmanlike manner according to standard practices.

JOB SITE CONDITION: Customer certifies that site is accessible to J.P. Construction by truck. **All base for driveways will be installed and graded around concrete slab to allow a reasonably level and safe working area for erection personnel and insure proper drainage of water.** Customer understands that this proposal is based on a level job site and additional charges may apply if other conditions exist.

DISCLAIMER: J.P. Construction shall be held harmless from any conflict or dispute involving organized labor unions and shall not be subject to additional expense or unusual delay in completion of this contract.

INSURANCE: J.P. Construction will provide a certificate of insurance covering all workmen for the duration of this project.

WARRANTY: J.P. Construction will repair any defects in workmanship for a period of one year from date of completion. Contract must be paid in full.

TERMS: Paid in full upon completion.

RIGHT TO FILE LIEN: J.P. Construction hereby notifies Customer that J.P. Construction, pursuant to its company policy, and others furnishing labor or materials related to this proposal will, by proper notice, take all steps necessary to assert lien rights as required by applicable state law. You should give you lender a copy of this contract and all proper notices.

COLLECTION COSTS: In the event J.P. Construction files a lien or Customer defaults in payment, the Customer will reimburse J.P. Construction for all costs including reasonable attorney's fees, and interest will be charged at 1 1/2% per month, (18% annual) on the unpaid balance, regardless of any claims by the Customer.

DURATION: This proposal is valid for a period of 30 days.

J.P. Construction commits, and the Customer accepts the services herein described for the sum of thirty two thousand one hundred eighty five and 00/100 dollars (\$32,185.00).

ACCEPTANCE

X Read, approved and accepted this 15 day of April, 20009.

X COMPANY NAME: Orange County

X SIGNATURE: William C. Roper

X TITLE: County Administrator

SELLER ACCEPTANCE

Approved and accepted at the office of Peterson Murphy, Inc. d/b/a J.P. Construction, Rochester, WI.
This _____ day of _____, 200____.

PETERSON MURPHY, INC.
d/b/a J.P. CONSTRUCTION

Officer

PURCHASE ORDER

PAGE- 1 Batch # 1581

** CHANGE ORDER **

ORANGE COUNTY
C/O FINANCE DEPARTMENT
P. O. BOX 111
ORANGE, VA 22960-0000
PHONE # 540-672-3313
FAX # 540-672-0900

** CHANGE ORDER **
** ORDER NUMBER **
** 01901- 001 **

DATE-2009/04/21

VENDOR- DRAPER ADEN ASSOC. 000021
2206 S. MAIN STREET
BLACKSBURG, VA 24060

SHIP TO- ORANGE COUNTY
OLD LIBRARY BUILDING
127 BELLEVIEW AVE.
ORANGE, VA 22960

ATTENTION- Draper Aden

ORDER DATE- 2009/04/21 SHIP VIA- various

REQUESTED SHIP DATE- 20080728 REFERENCE-BURN BUILDING

ITEM NO.	STOCK#	QUANTITY	UNIT ISSUE	DESCRIPTION G/L NUMBER	UNIT COST	EXTENDED COST
1		1		Burn building design 001-4-100-043200-8197- annual contract FY09	14,500.000	14,500.00
2		1		PROJECT COMPLETE 001-4-100-043200-8197- C/O TO REDUCE PO AMOUNT. DRAPER ADEN HAS AGREED THAT ALL PAYMENTS MADE TO THEM ARE FINAL FOR THIS PROJECT.	3,227.430	3,227.43
TOTAL COST						\$11,272.57

***** COMMENTS *****
design of the BURN BUILDING

***** IMPORTANT *****
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PLEASE ADVISE US IF YOU ARE UNABLE, FOR ANY REASON, TO SHIP ON THE REQUESTED DATE.
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ORDER TYPE- CONFIRMING

APPROVED BY- B Rolfe

DATE- 2009/04/21

PURCHASE ORDER
PAGE- 1

** CHANGE ORDER **

VENDOR- DRAPER ADEN ASSOC.
2206 S. MAIN STREET
BLACKSBURG, VA 24060

000021

ORANGE COUNTY
C/O FINANCE DEPARTMENT
P. O. BOX 111
ORANGE, VA 22960
PHONE # 540-672-3313
FAX # 540-672-0900

SHIP TO- ORANGE COUNTY
OLD LIBRARY BUILDING
127 BELLEVUE AVE.
ORANGE, VA 22960

** C/O EDIT **
** ORDER NUMBER **
** 01901- 000 **

DATE-2009/04/21

ORDER DATE- 2009/04/21 SHIP VIA- various
ATTENTION- Draper Aden
REQUESTED SHIP DATE- 20080728 REFERENCE- BURN BUILDING

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TOTAL COST						\$11,272.57

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design of the BURN BUILDING

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ORDER TYPE- CONFIRMING

APPROVED BY- B Rolfe

DATE- 2009/04/21

Department of Fire Programs
Administration